

APPENDIX F

Fellowship Awards Offered

National Science Foundation Fellowship Awards, by Type and Field, Fiscal Year 1959

Field	Graduate	Cooper- ative graduate	Graduate teaching assistants	Post- doctoral regular	Post- doctoral senior	Science faculty	Second- ary school teachers	Total
Life Sciences:								
Agriculture.....	4	17	4	2	3	6	1	37
Anthropology.....	16	12	10	8	4	1	0	51
Biochemistry.....	30	38	13	16	11	6	9	123
Biophysics.....	9	3	1	4	1	2	0	20
Botany.....	17	18	22	6	1	13	12	89
General Biology.....	10	7	3	2	2	7	87	117
Genetics.....	19	20	8	2	5	2	1	58
Medical Sciences.....	11	10	6	10	4	9	0	50
Microbiology.....	11	13	8	3	0	7	5	47
Psychology.....	30	52	29	5	2	4	0	122
Zoology.....	59	48	61	15	7	26	35	251
Subtotal.....	216	238	165	73	40	83	150	965
Physical Sciences:								
Astronomy.....	13	5	0	0	0	2	1	21
Chemistry.....	201	205	162	36	12	32	82	730
Earth Sciences.....	75	50	39	7	4	9	11	195
Engineering Sciences.....	175	233	59	3	5	83	0	558
Mathematical Sci- ences.....	143	128	71	30	6	58	253	689
Physics.....	259	178	62	42	13	33	76	663
General.....	0	0	0	0	0	1	0	1
Subtotal.....	866	799	393	118	40	218	423	2,857
Social Sciences:								
General.....	18	13	22	3	3	0	0	59
Natural Sciences:								
General.....	0	0	0	0	0	1	55	56
Total.....	1,100	1,050	580	194	83	302	628	3,937

Names, Residences, and Fields of Study of Individuals Offered National Science Foundation Fellowships

ALABAMA

Graduate

COULTER C. ALTON, Phenix City, Physics.
 HOLMES, CHARLES H., LaFayette, Engi-
 neering.
 JANSSENS, THOMAS, S.J., Mobile, Physics.
 MAGUIRE, JOHN A., III, Birmingham, Chem-
 istry.
 McMILLAN, D. RUSSELL, Jr., Montevallo,
 Mathematics.
 SANDERSON, JACK T., Birmingham, Physics.
 ST. GEORGE, JOHN P., S.J., Mobile, Chem-
 istry.

Postdoctoral

DISMUKES, JOHN P., Montgomery, Chem-
 istry.

Summer Fellowships for Graduate Teaching Assistants

GILMORE, W. FRANKLIN, Birmingham, Chem-
 istry.
 GLENN, JOHN C., Birmingham, Agriculture.
 KINZER, EARL T., Jr., Auburn, Physics.
 VENABLE, WILLIAM H., Jr., University,
 Physics.

Summer Fellowships for Secondary School Teachers

MCARTHUR, JEAN A., Birmingham, Zoology.
 PETERMAN, WILLIE S., Birmingham, Mathe-
 matics.
 RIGOTTI, Sr. DOMINICA, O.S.B., Birming-
 ham, Mathematics.
 STOREY, JESSIE, Birmingham, Mathematics.

Cooperative Graduate

ALLEN, LEON H., Jr., Opelika, Agriculture.
FROMHOLD, ALBERT T., Jr., Cullman, Engineering.
HILL, PAUL D., Dadeville, Mathematics.
MARLOW, A. RANSOM, S.J., Mobile, Astronomy.
MURRAY, ROYCE W., Birmingham, Chemistry.
MURRELL, DAVID W., Birmingham, Mathematics.
PROBST, FRANKLIN M., Anniston, Physics.
SMITH, CLOYD V., Jr., Sylacauga, Engineering.
SWEET, RICHARD F., Mobile, Physics.
VENABLE, WILLIAM H., Jr., University, Physics.

Science Faculty

EVANS, LAWRENCE E., Auburn, Agriculture.
LOWRY, JAMES L., Auburn, Engineering.
PRATHER, MARY E. S., Auburn, Biochemistry.
WILCOX, HAROLD E., Birmingham, Chemistry.

ALASKA

Science Faculty Fellowships

GENAUX, CHARLES T., College, Biochemistry.
MENDENHALL, WILLIAM W., Jr., Fairbanks, Engineering.
PRYTON, HAROLD R., College, Engineering.

ARIZONA

Graduate

BROWN, KEITH S., Jr., Amado, Chemistry.
COOK, DON B., Scottsdale, Chemistry.
HAYDEN, JULIAN D., Jr., Tucson, Physics.
KLOTZ, BENJAMIN P., Phoenix, Econom.
LANGB, ROBERT V., Phoenix, Physics.
PORTER, EVAN D., Mesa, Zoology.
TOBEY, GENE E., Tucson, Engineering.
WILLIAMSON, ROBERT E., Jr., Tucson, Mathematics.

Cooperative Graduate

DICKERSON, ROBERT H., Flagstaff, Physics.
FENWICK, CHARLES A., Phoenix, Psychology.
FENWICK, RICHARD C., Phoenix, Engineering.
FENWICK, ROBERT B., Phoenix, Engineering.
GREENBERG, STANLEY ARTHUR, Tucson, Chemistry.
KENT, BRYAN P., Tucson, Engineering.
WALLRAFF, EVELYN B., Tucson, Microbiology.

Science Faculty

BENHAM, MILFORD J., Phoenix, Earth Sciences.
CHILDS, RICHARD F., Tucson, Medical Sciences.
McCLEARY, JAMES A., Tempe, Botany.
MARGOLIN, ABE S., Phoenix, Earth Sciences.

Summer Fellowships for Graduate Teaching Assistants

DOLE, JIM W., Phoenix, General Biology.
TROLL, RALPH, Tucson, Zoology.

Summer Fellowships for Secondary School Teachers

BUCHALTER, BARBARA D., Tucson, Mathematics.
COWAN, PAUL J., Phoenix, Physics.
DUMERMUTH, DERRYL A., Marana, Mathematics.
GARNER, CHARLES D., Tucson, Physics.

GILBERT, CHARLES R., Superior, Zoology.
HALL, JOHN O., Tucson, Zoology.
HUGHES, Rev. BARNABAS B., Phoenix, Mathematics.
JONES, LOYAL H., Phoenix, Microbiology.
KARLIN, MARVIN W., Tucson, Mathematics.
MEYER, Sr. M. GIOVANNI, C.P.P.S., Phoenix, Mathematics.
O'MALLEY, MARK, San Manuel, Mathematics.
PLAS, Sr. MARY AGNES, C.P.P.S., Phoenix, General Biology.
SASSE, KATHERINE J. S., Tucson, Mathematics.
SHILL, WILSON T., Phoenix, General Biology.
TORGERSON, KENNETH J., Tucson, Botany.

ARKANSAS

Graduate

ARNOLD, RICHARD, Fayetteville, Physics.
HILL, JOHN W., Fayetteville, Chemistry.
RUSSELL, CHARLES D., El Dorado, Chemistry

Cooperative Graduate

BROWNE, JAMES C., Conway, Chemistry.
HALPERN, LYNDA S., Fayetteville, Genetics.
HATFIELD, LYNN L., Harrison, Physics.
HEFLEY, JACK D., Fayetteville, Chemistry.
OLIVER, VICTOR L., Arkadelphia, Zoology.

Postdoctoral

STALLINGS, JOHN R., Jr., Morrilton, Mathematics.

Science Faculty

CANNON, WALTON W., Fayetteville, Engineering.
JOHNSON, ARTHUR A., Conway, Zoology.
STICE, JAMES E., Fayetteville, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BROWNE, JAMES C., Conway, Chemistry.
BYRD, DAVID S., Stephens, Chemistry.
GALLOWAY, LOUIE A., III, Pine Bluff, Physics.
GREENE, DARYLE E., Garfield, Agriculture.
JOHNSON, GROVER L., Fordyce, Chemistry.

Summer Fellowships for Secondary School Teachers

BRUCE, RAY E., Pine Bluff, General Science.
BURKETT, DOROTHY R., Pine Bluff, General Biology.
CATTERTON, ERMAL E., Hickory Ridge, Mathematics.
HINES, SALLYLEE, Fayetteville, Botany.
PRINCE, DENVER L., Malvern, Chemistry.
WILLS, MARGERY T., Hazen, General Biology.

CALIFORNIA

Graduate

ABERS, ERNEST S., San Francisco, Physics.
ALBRIGHT, NORMAN W., Pasadena, Physics.
BERKSON, EARL R., Los Angeles, Mathematics.
BLOOMFIELD, VICTOR, Cotati, Chemistry.
BOULWARE, DAVID G., Lafayette, Physics.
BRIDGES, WILLIAM B., Berkeley, Engineering.
BRONZAN, JOHN B., Los Angeles, Physics.
BROWN, LOWELL S., Visalia, Physics.
BROWN, STEPHEN L., Palo Alto, Physics.
BURNS, JOHN M., Berkeley, Genetics.
COLLINS, GEORGE F., Jr., Los Angeles, Chemistry.
CZAMANSKE, GERALD K., Stanford, Earth Science.
DAYBELL, MELVIN D., Pasadena, Physics.
DRAGT, ALEX J., Berkeley, Physics.

ENDERTON, HERBERT, San Jose, Mathematics.
ENRIGHT, JAMES T., San Diego, General Biology.
FISH, ROBERT A., Los Altos, Chemistry.
FOSTER, EDWARD M., Cupertino, Mathematical Economics.
GAGE, DONALD H., Durham, Engineering.
GILLESPIE, BARBARA, Los Altos, Botany.
GIULIANO, CONCETTO R., Gardena, Chemistry.
GOLDENBERG, H. MARK, Los Angeles, Physics.
GOLDSBOROUGH, JOHN, Stanford, Physics.
GRIFFITHS, ROBERT B., Stanford, Physics.
GRISWOLD, RALPH E., Palo Alto, Engineering.
GUNCKEL, THOMAS L., II, Pomona, Engineering.
HAGADORN, IRVINE R., Dixon, Zoology.
HALL, JANE H., Berkeley, Chemistry.
HALL, RICHARD T., San Marino, Chemistry.
HAUGEN, RUTH M., Pasadena, Psychology.
HEARST, JOHN E., Pasadena, Chemistry.
HERMSEN, ROBERT W., Berkeley, Engineering.
HILL, E. ALEXANDER, III, Pasadena, Chemistry.
HOLLIDAY, DENNIS, Alhambra, Physics.
HONE, DANIEL W., San Francisco, Physics.
HONSAKER, JOHN L., Pasadena, Physics.
HULTGREN, GLEN O., Berkeley, Chemistry.
HUNDLEY, RICHARD O., Pasadena, Physics.
IRVINE, WILLIAM M., Beverly Hills, Physics.
JOHNSON, WALTER A., Covina, Engineering.
JORDAN, PETER C. H., Los Angeles, Chemistry.
JOSEPHSON, ROBERT K., Los Angeles, Zoology.
KAPLAN, DAVID, Granada Hills, Philosophy of Science.
KEISLER, H. JEROME, Pasadena, Mathematics.
KENT, WILLIAM L., San Diego, Mathematics.
KIEFER, EDGAR F., Pasadena, Chemistry.
KING, JACK L., Pleasant Hill, Genetics.
KIRK, WILLIAM L., Jr., Los Angeles, Psychology.
KLEINMAN, LEONARD, Berkeley, Physics.
KLOTZ, EUGENE A., Montclair, Mathematics.
KRASNE, FRANKLIN, San Francisco, Psychology.
KREPS, RODNEY E., Palo Alto, Physics.
LARSEN, JIMMY, Pomona, Earth Sciences.
LEBOVITZ, NORMAN R., Van Nuys, Physics.
LEESON, DAVID B., Los Angeles, Engineering.
LEITNER, PHILIP, Orinda, Zoology.
LEVINE, IRA N., Van Nuys, Chemistry.
LINDEN, DONALD A., Palo Alto, Engineering.
LINDSAY, SANDRA L., Concord, Genetics.
LINSON, LEWIS M., Oakland, Physics.
LOOMIS, ALDEN A., Palo Alto, Earth Sciences.
LYSER, KATHERINE M., Lafayette, Zoology.
MANJAREZ, VICTOR S.J., San Francisco, Mathematics.
MARSHALL, J. HOWARD, III, Pasadena, Physics.
MCCONKEY, EDWIN II., Berkeley, Zoology.
MCIVOR, IVOR K., Stanford, Engineering.
MIHALAS, DIMITRI, Hollywood, Astronomy.
MILDER, D. MICHAEL, North Hollywood, Physics.
MILLER, ROGER H., Palo Alto, Physics.
MONK, JAMES D., Alamo, Mathematics.
MRAZEK, ROBERT V., San Bernardino, Engineering.
MUFFLER, L. J., PATRICK, Claremont, Earth Sciences.
MULLER, RICHARD S., Los Angeles, Engineering.
MURRAY, BETTIE E., Fontana, Microbiology.
NEIGHBOR, JAMES E., Walnut Creek, Physics.
NEVILLE, DONALD E., Los Angeles, Physics.
NORTH, GEORGE G., Sacramento, Engineering.
OLMSTED, JOHN A., III, Petaluma, Chemistry.
ORIANIS, GORDON H., Albany, Zoology.
PAOLILLO, DOMINICK J., Jr., Davis, Botany.
PARIS, OSCAR H., Jr., Albany, Zoology.
PARKER, BARBARA A., Los Angeles, Chemistry.
PARKER, EVELYN D., San Francisco, Biochemistry.
PAULIKAS, GEORGE A., Berkeley, Physics.
PECK, CHARLES W., Pasadena, Physics.
PEDERSEN, CHARLES R., Los Angeles, Engineering.
PIERCE, WILLIAM H., Palo Alto, Engineering.
RABINOWITZ, LAWRENCE, San Francisco, Medical Sciences.
RAPIER, JERRY, Baldwin Park, Physics.
RAVEN, PETER H., Los Angeles, Botany.
RENEAU, LEON R., San Mateo, Engineering.
RESSEQUIE, LAURENCE J., Berkeley, Zoology.
ROYCE, EDWIN B., Pasadena, Physics.
SCHROT, Sr., MARIS S., I.H.M., Los Angeles, Mathematics.
SCHWARZ, STEVEN, Camarillo, Physics.
SEARLES, RICHARD B., Woodside, General Biology.
SLAGGIE, E. LEO, Albany, Physics.
SOULE, MICHAEL, San Diego, Genetics.
SOULE, GEORGE W., Jr., Van Nuys, Mathematics.
STERN, GEORGE J., Venice, Engineering.
STONE, JEREMY J., Menlo Park, Mathematical Economics.
STROMBOTNE, RICHARD L., Berkeley, Physics.
SWEENEY, DARYL, El Cerrito, Zoology.
TAYLOR, AUSTIN L., Berkeley, Microbiology.
THIEBAUX, MARTIAL L., Whittier, Physics.
THORNTON, ROBERT M., Auburn, Botany.
THORPE, MANER L., Los Angeles, Anthropology.
VIDAVER, WILLIAM, Brisbane, Botany.
VLASES, GEORGE C., Los Angeles, Engineering.
VOGEL, MARTIN, Los Angeles, Chemistry.
WAGNER, TERRY, J., Albany, Engineering.
WATERS, JAMES F., Santa Barbara, General Biology.
WATTENBURG, WILLARD H., Greenville, Engineering.
WEIL, GERTRUDE W., Berkeley, Botany.
WEIL, JON D., Berkeley, Genetics.
WERTHAMER, N. RICHARD, Studio City, Physics.
WILCOX, WILLIAM R., Albany, Engineering.
WOOLFOLK, ROBERT W., Riverside, Chemistry.
WULFF, DANIEL L., Arcadia, Chemistry.
YOUNG, LAEL M., Mentone, Mathematics.
YURA, HAROLD T., Los Angeles, Physics.

Cooperative Graduate

AGGSON, THOMAS L., Berkeley, Physics.
ARNOLD, RICHARD F., Oakland, Communications.
BACK, LLOYD H., Berkeley, Engineering.
BAHR, ALFRED J., Redwood City, Engineering.
BAICHER, VLADIMIR V., Altadena, Engineering.
BARBER, MARY LEE, Los Angeles, Biochemistry.
BECK, MYRL E., Jr., Beaumont, Earth Sciences.
BELKIN, DANIEL A., Los Angeles, Zoology.
BLISCHKE, WALLACE R., Tujunga, Mathematics.

- BOWSER, CARL J., Pomona, Earth Sciences.
 BRUCKNER, JUDITH B., Los Angeles, Mathematics.
 CANTOR, DAVID G., Van Nuys, Mathematics.
 CATON, ROY D., Jr., Fresno, Chemistry.
 CHAN, SUNNEY I., San Francisco, Chemistry.
 CHAPPLE, WILLIAM M., Pasadena, Earth Sciences.
 CHARNOW, ALLEN K., Berkeley, Mathematics.
 COWAN, DWAIN O., Fresno, Chemistry.
 CRAWLEY, PETER L., Pasadena, Mathematics.
 CRANGE, JOHN E., Beverly Hills, Zoology.
 DAVIS, GREGORY ARLEN, Berkeley, Earth Sciences.
 DILLEHAY, RONALD C., Santa Cruz, Psychology.
 DONG, STANLEY B., Berkeley, Engineering.
 EVERINGHAM, JOHN W., Los Angeles, Biochemistry.
 FRITSCH, A. EUGENE, Los Angeles, Earth Sciences.
 GARDELLA, CAROLYN M., Windsor, General Biology.
 GODDARD, JOE D., Albany, Engineering.
 HAGGE, DONALD E., Berkeley, Physics.
 HARRISON, WILLIAM F., Lafayette, Chemistry.
 HERRMANN, LEONARD R., Albany, Engineering.
 HICKMAN, ROY SCOTT, Albany, Engineering.
 HILLER, FREDERICK S., Palo Alto, Engineering.
 HIRSCHBERG, NANCY A., Burlingame, Philosophy of Science.
 HUFBAUER, KARL G., La Jolla, Engineering.
 ISRAEL, SHERRY R., Los Angeles, Psychology.
 JONES, IAN R., Berkeley, Engineering.
 JONES, PETER H., Los Angeles, Chemistry.
 KAHN, PAUL M., Fairfax, Mathematics.
 KOHLER, RUTH C., Millbrae, Chemistry.
 KONRAD, MICHAEL W., Berkeley, Biophysics.
 LANE, CHARLES A., Berkeley, Chemistry.
 LANG, SIDNEY B., San Francisco, Engineering.
 LANGWORTHY, WILLIAM C., Berkeley, Chemistry.
 LOCKARD, ROBERT B., North Hollywood, Psychology.
 MAGEE, PATRICK M., Los Angeles, Engineering.
 MCCARTY, GEORGE S., Jr., Los Angeles, Mathematics.
 MC MANIGAL, PAUL G., South Pasadena, Physics.
 MICHIE, RICHARD W., Glendale, Astronomy.
 MONSEN, ELAINE, Lafayette, Biochemistry.
 MOYER, CARL B., Coronado, Engineering.
 NAZAROFF, GEORGE V., San Francisco, Chemistry.
 OGLESBY, LARRY C., Atascadero, Zoology.
 PATTERSON, JOHN D., Santa Rosa, Engineering.
 PULLIAS, CALVIN M., Los Angeles, Mathematics.
 RALEIGH, CECIL B., Jr., Los Angeles, Earth Sciences.
 RAND, JOAN E., Santa Barbara, Mathematics.
 ROELOF, EDMOND C., Los Angeles, Physics.
 ROSS, JAMES A., Berkeley, Chemistry.
 ROWAN, LAWRENCE G., Oak, Physics.
 RUMSEY, HOWARD C., Jr., Alhambra, Mathematics.
 RYAN, ROBERT D., Sierra Madre, Mathematics.
 SANDLER, REUBEN I., Los Angeles, Mathematics.
 SHICK, ROBERT, Los Angeles, Zoology.
 SEAMAN, LYNN, Albany, Engineering.
- SELTZER, EDWIN C., Encino, Physics.
 SHAIN, STEPHEN A., Albany, Engineering.
 SIMMONS, JERRY LEE, Rosemead, Engineering.
 SIMONS, NANCY J., Belvedere, Medical Sciences.
 SMART, JOHN R., Santa Cruz, Mathematics.
 SMITH, RICHARD G., Glendora, Engineering.
 SMITH, ROBERT B., Vista, Chemistry.
 SPENGER, ROBERT E., Los Angeles, Chemistry.
 STERN, DONALD, North Hollywood, Physics.
 STONE, CHARLES J., Van Nuys, Mathematics.
 STUART, DAVID W., Los Angeles, Earth Sciences.
 SUNDFORS, RONALD K., Ventura, Physics.
 SWANSON, DARWIN L., Bakersfield, Physics.
 SWINEHART, JAMES H., Covina, Chemistry.
 THOMASSEN, KEITH I., Palo Alto, Engineering.
 TURNER, WALTER S., Berkeley, Psychology.
 WAGNER, WILLIAM G., South Pasadena, Physics.
 WHALEN, BARRY H., Albany, Engineering.
 WILSON, DONALD, Los Angeles, Chemistry.
- Postdoctoral*
- BERMAN, SAM M., Arcadia, Physics.
 BERTSCH, WALTER F., San Diego, Botany.
 BROKAW, CHARLES J., El Segundo, Zoology.
 DAVIS, ROWLAND H., Pasadena, Genetics.
 DOLBY, LLOYD J., Berkeley, Chemistry.
 FEFERMAN, SOLOMON, Palo Alto, Mathematics.
 FONG, PAUL, San Francisco, Mathematics.
 GALLAGHER, CHARLES J., Jr., Sierra Madre, Physics.
 KAHN, ALBERT, Los Angeles, Botany.
 KNOPP, MARVIN I., Los Angeles, Mathematics.
 KOOSIS, PAUL J., San Francisco, Mathematics.
 LANGENBERG, DONALD N., Berkeley, Physics.
 LIBBERMAN, MIRIAM, Berkeley, Medical Sciences.
 MACIEL, GARY E., Livermore, Chemistry.
 MCCLUSKEY, ELWOOD S., Palo Alto, Zoology.
 NEUSHUL, MICHAEL, Jr., Rolling Hills, General Biology.
 ORBACH, RAYMOND L., Albany, Physics.
 PHILLIPS, JAMES C., Berkeley, Physics.
 RICHARDS, PAUL L., Riverside, Physics.
 ROBERTSON, BALDWIN, Los Angeles, Physics.
 ROBERTSON, RICHARD E., Pasadena, Chemistry.
 SLEICHER, CHARLES A., Jr., Berkeley, Engineering.
 THIESSEN, WILLIAM E., Oakland, Chemistry.
 THORP, EDWARD O., Los Angeles, Mathematics.
 WEITZMAN, RONALD A., Monrovia, Psychology.
 WILSON, DONALD M., Los Angeles, Zoology.
 WOLF, BEVERLY, Los Angeles, Biochemistry.
 ZABUSKY, NORMAN J., Pasadena, Physics.
- Senior Postdoctoral Fellowships*
- CRESCITELLI, FREDERICK, Los Angeles, Medical Sciences.
 DONOHUE, JERRY, Los Angeles, Chemistry.
 GARDNER, WILFORD R., Riverside, Agriculture.
 GELL-MANN, MURRAY, San Gabriel, Physics.
 HAND, CADET H., Jr., Richmond, Zoology.
 KOTIN, PAUL, Glendale, Medical Sciences.
 KRATZER, FRANK H., Davis, Agriculture.
 MITCHELL, HERSCHEL K., Pasadena, Genetics.

PATTEE, HOWARD H., Jr., Menlo Park, Biophysics.
PENZIEN, JOSEPH, Concord, Engineering.
PHINNEY, BERNARD O., Los Angeles, Genetics.
SALT, GEORGE W., Davis, Zoology.
WASHBURN, JACK, Berkeley, Engineering.
WEBSTER, JOHN C., San Diego, Psychology.

Science Faculty

BLODGETT, CHARLES O., San Luis Obispo, Botany.
BOEKELHEIDE, IRVING F., Chico, Physics.
BRAND, RAYMOND H., Santa Barbara, Natural Sciences, General.
CHILDS, HENRY E., Jr., La Mirada, Agriculture.
COLLETTE, Sr. MARGARET, Los Angeles, Mathematics.
EATON, CLYDE B., Jr., Pasadena, Mathematics.
ERISMAN, EUGENE H., Riverside, Psychology.
FREEMAN, J. ROBERT, Berkeley Engineering.
HAASE, RICHARD H., Granada Hills, Engineering.
HANSCH, CORWIN H., Claremont, Chemistry.
HOLLENBERG, JOHN L., Fullerton, Chemistry.
MANDRA, YORK T., San Francisco, Earth Sciences.
MEL, PETER J., Torrance, Medical Sciences.
ROSEN, ARTHUR Z., San Luis Obispo, Physics.
RUDY, NORMAN, Sacramento, Engineering.
SHULDINER, PAUL W., Berkeley, Engineering.
SMITH, ARTHUR M., Arcata, Chemistry.
STREITWIESER, ANDREW, Jr., El Cerrito, Chemistry.
TROPF, HENRY S., Arcata, Mathematics.
WHITE, PAUL A., Los Angeles, Mathematics.
WILD, ROBERT L., Riverside, Physics.

Summer Fellowships for Graduate Teaching Assistants

ALVARADO, RONALD H., Alta Loma, Zoology.
ASCHER, ROBERT, Santa Monica, Anthropology.
BECK, MYRL E., Jr., Beaumont, Earth Sciences.
BLY, ROBERT M., South Pasadena, Chemistry.
CHAPPEL, WILLIAM M., Pasadena, Earth Sciences.
CHRISTIANSEN, ROBERT L., Porterville, Earth Sciences.
CRAWLEY, PETER L., Pasadena, Mathematics.
BLACKWELL, ARLYN N., Berkeley, Engineering.
BOOZER, GEORGE D., Long Beach, Engineering.
BOEHME, THOMAS K., Pasadena, Mathematics.
BRESHEARS, ROBERT R., Albany, Engineering.
CHAKERIAN, GULBANK D., Dinuba, Mathematics.
COGBURN, ROBERT F., Berkeley, Mathematics.
COOK, GLENN M., Windsor, Chemistry.
ESPENSON, JAMES H., Pomona, Chemistry.
FISLER, GEORGE F., Albany, Zoology.
GIOLLI, ROLAND A., Carmichael, Medical Sciences.
GRUBBS, EDWARD J., Los Angeles, Chemistry.
HOBBY, CHARLES R., Pasadena, Mathematics.
HUELSMAN, LAWRENCE P., Berkeley, Engineering.
ISRAEL, SHERRY R., Los Angeles, Psychology.
KLOTZ, EUGENE A., Montclair, Mathematics.
LAETSCH, WATSON M., Stanford, Botany.
LANGWORTHY, WILLIAM C., Berkeley, Chemistry.

LENDARIS, GEORGE G., San Francisco, Engineering.
LINSDALE, DONALD D., Carmel Valley, Zoology.
MATSUNAMI, BETTY H., Whittier, Microbiology.
MIER, MILLARD G., Los Angeles, Physics.
MILLER, LYNN, Palo Alto, Genetics.
MOISE, NORTON L., Pasadena, Physics.
MYERS, GLENN E., Downey, Engineering.
NOERDLINGER, PETER D., Pasadena, Physics.
RICHMOND, RUTH J., Berkeley, Microbiology.
ROBERTSON, RICHARD E., Pasadena, Chemistry.
ROSENFELD, MELVIN, Los Angeles, Mathematics.
SANDERS, TIMOTHY D., Palo Alto, Physics.
SCHOENHERR, ALLAN A., Los Angeles, Zoology.
SHULDINER, PAUL W., Berkeley, Engineering.
SIMS, SAMUEL J., Indio, Earth Sciences.
TERWILLIGER, ROBERT F., Los Altos, Psychology.
TUCKER, VANCE A., Los Angeles, Zoology.
VOORHEES, THOMAS E., Stanford, Anthropology.
WAHRHAFTIG, ALBERT L., Piedmont, Anthropology.
WEILL, DANIEL F., Oakland, Earth Sciences.
WRIGHT, JOHN C., Stanford, Psychology.

Summer Fellowships for Secondary School Teachers

ABRAHAM, NORMAN B., Yuba City, Chemistry.
ASH, JAMES W. (Bro. THOMAS WARREN), Fresno, Mathematics.
ASH, LOWELL R., Downey, General Science.
AULIE, VERE, Tahoe, Mathematics.
BAGSHAW, THOMAS L., Los Angeles, General Science.
BAINER, LOREN V., Fairfield, Chemistry.
BALCH, PATRICK E., Yuba City, Zoology.
BERGON, Sr. MARY ANDREW, I.H.M., Los Angeles, Zoology.
CARY, GRANT R., Van Nuys, Mathematics.
CHINN, WILLIAM G., San Francisco, Mathematics.
COULSON, WILLIAM F., Bellflower, Mathematics.
DAVID, IRA A., Brea, Physics.
DAVIES, IRVEN W., Jr., Reedley, Biochemistry.
DAVIS, JOHN N., San Jose, Mathematics.
ELLIOTT, FRED L., McFarland, General Biology.
ELLIS, BENSON, Mountain View, Zoology.
FRENCH, ROBERT L., Santa Fe Springs, General Biology.
GOTTLIEB, MARVIN S., Northridge, General Science.
GRESHAM, CLARA T., Los Angeles, General Biology.
HOLE, JOHN W., Jr., Whittier, General Biology.
ISEBELL, DAVID W., Greenville, Chemistry.
JOHNSON, EARL D., Reedley, Chemistry.
JONES, ROBERT W., North Hollywood, General Science.
KLEINFELTER, DALE F., Ojai, Chemistry.
LOGAN, ROGER G., Fullerton, Mathematics.
LOWRY, LESLIE D., Pasadena, Mathematics.
MCCURDY, DONALD W., Bellflower, General Science.
MILLER, LELIN R., Lemoore, General Science.
MUZYKA, Sr. MARY ERMENTILDA, Pomona, General Science.

PENHALL, DELBERT F., Long Beach, Mathematics.
 PETERSEN, RICHARD C., Antioch, Mathematics.
 PICKUS, KATHRYN B., Lancaster, Mathematics.
 PROETT, HAMPTON D., West Sacramento, Chemistry.
 PROVO, Sr. MIRIAM, Sacramento, General Biology.
 REINHART, MAURICE J., Oakland, Mathematics.
 RICE, Mother CORNELIA AUGUSTA, Pasadena, General Biology.
 SLAUSON, ROBERT S., Mendocino, Physics.
 SMITH, FRANCIS W., Jr., Los Altos, General Biology.
 STARKEY, ROBERT L., Palo Alto, Mathematics.
 STUCKENSCHNEIDER, NORBERT A., Encinitas, Mathematics.
 URTON, JOHN T., Alameda, Biochemistry.
 VOGT, JAMES C., Healdsburg, Chemistry.
 WALL, JAMES A., Compton, Zoology.
 YORK, ROBERT, Porterville, Chemistry.

COLORADO

Graduate

BERTRAM, WILLIAM K., Denver, Biophysics.
 DE VOTO, RICHARD H., Golden, Engineering.
 IRWIN, CYNTHIA C., Morrison, Anthropology.
 JOHNSON, HOLLIS R., Boulder, Astronomy.
 JONES, ORVAL E., Ft. Collins, Engineering.
 MC FARLANE, ARTHUR J., Towner, Engineering.
 NEEPER, DONALD A., Monte Vista, Physics.
 O'CONNOR, JOSEPH T., Boulder, Earth Sciences.
 PICKEN, JAMES S., Loveland, Engineering.
 ROHWER, WILLIAM D., Jr., Denver, Psychology.
 SAKAKURA, ARTHUR Y., Boulder, Physics.
 SHARP, JOHN V. A., Grand Junction, Earth Sciences.

Cooperative Graduate

BIRKY, CARL W., Jr., Fort Collins, Genetics.
 CAMPBELL, VIRGINIA W., Boulder, Chemistry.
 DEVLIN, J. PAUL, Hale, Chemistry.
 MARGART, RONALD C., Boulder, Chemistry.
 MARSTON, NORMAN L., Hartman, Zoology.
 RAMALEY, LOUIS, Boulder, Chemistry.
 SHAW, MARION L., Colorado Springs, Physics.
 SHOTWELL, DAVID A., Boulder, Mathematics.
 WILCOX, RALPH M., Boulder, Physics.

Postdoctoral

BLANPIED, WILLIAM A., Denver, Physics.
 STOLLER, MARIANNE L., Denver, Anthropology.

Senior Postdoctoral Fellowships

SAWREY, WILLIAM L., Denver, Mathematics.

Science Faculty

BECK, FRANK R., Boulder, Earth Sciences.
 GERSTLE, KURT H., Boulder, Engineering.
 GRIFFITHS, THOMAS M., Denver, Earth Sciences.
 WRIGHT, WILBUR H., Colorado Springs, Physics.

Summer Fellowships for Graduate Teaching Assistants

ANDERSON, JAMES G., Boulder, Physics.
 HIGGINS, ROBERT P., Denver, Zoology.
 JUNE, REID R., La Junta, Engineering.
 O'CONNOR, JOSEPH T., Boulder, Earth Sciences.

Summer Fellowships for Secondary School Teachers

BOOTH, PAUL D., Cheraw, Mathematics.
 JONES, W. RUSSELL, Jr., Ordway, General Biology.
 MCINTOSH, DONALD L., Denver, Mathematics.
 NORTON, ROBERT A., Boulder, Mathematics.
 POAGE, MELVIN L., Denver, Mathematics.
 RISSLER, ROLLA R., Aurora, Physics.
 STEGNER, ROBERT W., Denver, General Biology.
 VAN DYKE, MARTIN, Denver, Chemistry.
 WALTER, RICHARD G., Lafayette, Botany.

CONNECTICUT

Graduate

BALDWIN, DAVID E., West Hartford, Physics.
 BURN, AUDREY B., Hartford, Physics.
 CARROLL, VERN, Branford, Anthropology.
 CLINTON, WINONA M., Redding Ridge, Zoology.
 DOANE, WINIFRED W., West Haven, Genetics.
 DOLLARD, JOHN D., Hamden, Mathematics.
 FISHER, GEORGE W., Hamden, Earth Sciences.
 FOLEY, RICHARD J., East Haven, Engineering.
 FOOTE, CHRISTOPHER S., West Hartford, Chemistry.
 HIGBIE, PAUL R., West Hartford, Physics.
 HUNT, EARL B., East Haven, Psychology.
 KAHN, DONALD W., Bethany, Mathematics.
 MASSO, JOSEPH F., Darien, Physics.
 MELMIN, N. DAVID, New Haven, Physics.
 MORGAN, DAVID L., Jr., Shelton, Physics.
 PERKINS, CHARLES W., Watertown, Engineering.
 RQUIST, RICHARD D., Bristol, Engineering.
 SCOVILLE, RICHARD, Torrington, Mathematics.
 SIMPSON, JAMES E., New Haven, Mathematics.
 SNYDER, IRVING G., Jr., Stamford, Engineering.
 STEPHENSON, R. RHOADS, Mt. Carmel, Engineering.
 TANEBAUM, B. SAMUEL, Guilford, Physics.

Cooperative Graduate

ABOWITZ, GERALD, New Haven, Engineering.
 AVERY, DONALD H., West Hartford, Engineering.
 DIEBOLD, ALBERT R., Jr., New Haven, Anthropology.
 FENNICK, JOHN H., Danbury, Engineering.
 FOSTER, EDWARD J., Bethel, Physics.
 HANSON, KENNETH L., New Haven, Engineering.
 POSNER, HERBERT B., New Haven, Botany.
 PRATICO, SANTO D., Byram, Mathematics.
 REIS, VICTOR H., New Haven, Engineering.
 SMITH, DAVID A., New Haven, Mathematics.
 SWEET, MERRILL H., Storrs, Zoology.

Postdoctoral

CARO, LUCIEN G., New Haven, Biophysics.
 GROSS, LEONARD, New Haven, Mathematics.
 MAC DUFFIE, DUNCAN E., New Haven, Chemistry.
 PIPA, RUDOLPH L., East Canaan, Zoology.
 PURVES, WILLIAM K., New Haven, Botany.
 SUMMERS, ROBERT, Hamden, Econometrics.

Senior Postdoctoral

GILES, NORMAN H., Hamden, Genetics.
 RODGERS, JOHN, New Haven, Earth Sciences.

SIMPSON, MELVIN V., Woodbridge, Biochemistry.

Science Faculty

APPLEZWEIG, MORTIMER, H., New London, Psychology.

KINSMAN, DONALD M., Storrs, Agriculture.

MCKEON, MARY G., New Haven, Chemistry.

POWDERLY, MARY, Middletown, Mathematics.

RICHARDSON, DOROTHY, New London, Zoology.

SPILTOIR, CHARLES F., Bridgeport, Microbiology.

Summer Fellowships for Graduate Teaching Assistants

BURCKBUCHLER, FREDERICK V., Willmantic, Physics.

KRIEG, NOEL R., Southbury, Microbiology.

LIPMAN, PETER W., Cannondale, Earth Sciences.

MACLEWICZ, JOHN S., Waterbury, Zoology.

MCKESTER, ARCIE L., Hamden, Earth Sciences.

MUNKRES, KENNETH D., New Haven, Genetics.

MURRAY, ROBERT W., Branford, Chemistry.

PIPER, JOHN, West Hartford, Chemistry.

SALAS, SATURNINO L., Hamden, Mathematics.

SWEET, MERRILL H., Storrs, Zoology.

THOMAS, MONTCALM T., Danielson, Physics.

WAGNER, RICHARD H., Woodmont, Botany.

WESTON, JAMES A., New Haven, Zoology.

Summer Fellowships for Secondary School Teachers.

CARR, CHARLES D., Bridgeport, Physics.

CHASE, GEORGE W., Watertown, Mathematics.

CHILINSKI, FRANCES K., Milford, Mathematics.

CONOVER, JOHN H., Jr., Kent, Mathematics.

CONSOLI, JOHN F., Waterbury, Mathematics.

CURNIN, WILLIAM L., Waterbury, Mathematics.

FRANKLIN, ROBERT A., Westport, General Science.

HODGE, CULLEN S., New Haven, Physics.

JAFFE, HERBERT, New Britain, General Biology.

LESSARD, ROLAND E., Danielson, Botany.

PAYLOVICH, JOSEPH P., Kent, Mathematics.

SMITH, MAURICE D., Wilton, Mathematics.

SPIERS, E. ELIZABETH, Windsor, Mathematics.

TAYLOR, Sr., M. AMANDA, Milford, Physics.

WALCH, RAYMOND E., Westport, Mathematics.

DELAWARE

Graduate

DAY, BENJAMIN D., Newark, Physics.

LEATHRUM, JAMES F., Dover, Engineering.

LOBAND, JOHN P., Wilmington, Chemistry.

Cooperative Graduate

BROWN, LEE F., Newark, Engineering.

JELLINGHAUS, SANDRA C., Wilmington, Biochemistry.

JORDAN, DAVID M., Wilmington, Chemistry.

Science Faculty

COBBLE, MILAN H., Newark, Mathematics.

REMAGE, RUSSELL, Jr., Newark, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

KALEBL, MARY R., Wilmington, Biochemistry.

Summer Fellowships for Secondary School Teachers

WHEATLEY, GRAYSON H., Newark, Mathematics.

DISTRICT OF COLUMBIA

Graduate

DADE, EVERETT C., Mathematics.

HACKMAN, MATTHEW, Mathematics.

HOFFMAN, FREDERICK, Mathematics.

HOYME, LUCILE E., Anthropology.

MYERS, GARDINER H., Chemistry.

OLIVER, DAVID W., Physics.

RINEHART, GEORGE S., Mathematics.

TRUESDELL, ALFRED H., Earth Sciences.

WILSON, KENT R., Chemistry.

Cooperative Graduate

EARLY, JAMES G., Jr., Engineering.

GORDON, WILLIAM B., Mathematics.

JUMONVILLE, PRESTON C., Jr., Psychology.

McKNIGHT, ANNE, Botany.

SPETH, ARTHUR I., Mathematics.

Postdoctoral

WOJCICKI, ANDREW A., Chemistry.

Senior Postdoctoral

LIDE, DAVID R., Jr., Physics.

Science Faculty

PERROS, THEODORE P., Chemistry.

DIMOND, Sr. MARIE, General Biology.

Summer Fellowships for Graduate Teaching Assistants

LOWE, JOHN C., Geography.

SCOTT, NOLVERT P. Jr., Sociology.

WALSH, JOSEPH H., S.M., Chemistry.

Summer Fellowships for Secondary School Teachers

BARNES, BEATRICE V., Mathematics.

BOYLE, Sr. M. MARGARET CHARLES, Chemistry.

COUNTEE, THOMAS H., Physics.

ROBINSON, MELBA B., Botany.

SAUNDERS, WILLIAM J., General Biology.

SMITH, MARIE M., Mathematics.

TOLSON, JUANITA S., Mathematics.

TREMBLAS, ERNESTINE, Mathematics.

FLORIDA

Graduate

BROCKMAN, HERMAN E., Tallahassee, Genetics.

CROKER, ROBERT A., Coral Gables, Zoology.

ECHOLS, RONALD, Naples, Earth Sciences.

FOX, EVELYN, North Miami Beach, Physics.

GOODMAN, ALAN L., Miami Beach, Chemistry.

HARTMAN, JOHN P., Orlando, Engineering.

HATHAWAY, RALPH R., Tallahassee, Zoology.

KAPLAN, RONALD M., Miami Beach, Engineering.

KAUFMAN, MYRON, North Miami Beach, Physics.

KOSS, WALTER J., Tallahassee, Earth Sciences.

RAMSPOTT, LAWRENCE D., Neptune Beach, Earth Sciences.

ROBERTS, CHARLES S., Miami, Chemistry.

SHAFFER, CHARLES V., Gainesville, Engineering.

Cooperative Graduate

ARANOFF, SANFORD, Miami Beach, Physics.

BARNES, WILSON M., Jr., Gainesville, Physics.

BEA, ROBERT G., Jacksonville, Engineering.
BOGUE, DONALD C., St. Petersburg, Engineering.

BORROR, ARTHUR C., Tallahassee, General Biology.

CROUCH, HARRY R., Jr., Port Orange, Physics.
GOEBRING, J. BROWN, Belleair, Chemistry.
GOODMAN, ROE W., Lakeland, Mathematics.
HILL, RICHARD A., Gainesville, Medical Sciences.

HUDSON, FREDERICK M., Miami, Chemistry.
JUMPER, CHARLES F., Tallahassee, Chemistry.

MARCUS, ALVIN B., Miami Beach, Chemistry.
NEALY, DAVID L., Sarasota, Chemistry.
NEET, KENNETH E., St. Petersburg, Biochemistry.

SAPPENFIELD, DALE S., Miami, Chemistry.
SMITH, WILFRED K., Winter Park, Engineering.

Postdoctoral

ROSEN, GERALD H., Surfside, Physics.
WOOD, JOHN A., Jr., Jacksonville, Earth Sciences.

Science Faculty

EGAR, JOSEPH M., Jacksonville, Mathematics.

MITCHELL, ROGER D., Gainesville, Zoology.

RICHART, FRANK E., Gainesville, Engineering.

SARAFYAN, DIRAN, Gainesville, Mathematics.
WIGGINS, MACDONALD J., Gainesville, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BARKER, ROBERT E., Jr., Bonifay, Physics.
COOPER, GEORGE W., Jr., Orlando, Zoology.
EASTWOOD, DE LYLE, St. Petersburg, Chemistry.

KOOB, DERRY D., Vero Beach, Botany.
KRUSE, DWAYNE N., Tallahassee, Zoology.
RAMSPOTT, LAWRENCE D., Neptune Beach, Earth Sciences.

WING, ELIZABETH S., Gainesville, Zoology.

Summer Fellowships for Secondary School Teachers

BAILEY, WILLIAM G., Hollywood, Biochemistry.

BRUNS, ROBERT B., Tampa, General Science.

CATO, JESELYN M., Alachua, Mathematics.

EDWARDS, PAUL B., Tampa, Mathematics.

EDWARDS, SARAH B., Tampa, Mathematics.

HOLMES, LUCILLE V., West Hollywood, General Biology.

MORE, CLAIR K., Miami, Physics.

OLIVER, Sr., MARY ROBERT, Pensacola, General Biology.

ORTAGUS, Sr. MARIE DE LOURDES, Miami, Zoology.

PERKINS, THOMAS, Oceanway, General Biology.

RADFORD, CATHERINE C., Sarasota, General Biology.

REMINGTON, LLOYD D., St. Petersburg, Chemistry.

REYNOLDS, Sr. MARY JOAN, Pensacola, Chemistry.

RIGGS, MORRIS P., Fort Lauderdale, General Science.

TRUE, JOHN E., Daytona Beach, Mathematics.

WING, RUTH W., Tallahassee, Mathematics.

GEORGIA

Graduate

BRADLEY, NEAL E., Decatur, Mathematics.
DOWNS, JAMES P., Savannah, Earth Sciences.
JOHNSON, CHARLES S., Jr., Albany, Chemistry.

MCLAIN, KENNETH, Buford, Physics.

MORGAN, JASON, Savannah, Physics.

Cooperative Graduate

ALLEN, GEORGE C., Cordele, Chemistry.

COLEMAN, MARION T., Decatur, Genetics.

EDWARDS, ROBERT S., Oglethorpe, Chemistry.

ELLER, JOY P., Georgia, Microbiology.

GASKINS, HENRIANNE, Griffin, Zoology.

HOLLEY, EDWARD R., Jr., Atlanta, Engineering.

PEDIGO, ROBERT A., Atlanta, Botany.

PROSSER, FRANKLIN P., Atlanta, Chemistry.

RHYNE, ROBERT L., Americus, Psychology.

SACKER, ROBERT J., Doraville, Mathematics.

SPENCE, RONALD K., Athens, Chemistry.

STEWART, BARBARA B., Decatur, Chemistry.

WILLIAMS, LYMAN O., Jr., Augusta, Earth Sciences.

WOROZBYT, THEODORE S., Columbus, Physics.

Senior Postdoctoral

CURTIS, MORTON L., Athens, Mathematics.

Science Faculty

BRILLHART, WILLIAM E., Clarkston, Zoology.

HENKEL, JOHN H., Athens, Physics.

JAYNE, JOHN W., Atlanta, Mathematics.

LNENICKA, WILLIAM J., Smyrna, Engineering.

SMITH, GEORGIA C., Atlanta, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

EDWARDS, ROBERT S., Oglethorpe, Chemistry.

FLURRY, ROBERT L., Jr., Decatur, Chemistry.

GASKINS, HENRIANNE, Griffin, Zoology.

HAMILTON, DARRAUGH O., Smyrna, Mathematics.

SHEPPARD, ALBERT P., Griffin, Physics.

Summer Fellowships for Secondary School Teachers

BLACKWELDER, CORA K., Atlanta, Chemistry.

BURNETT, LUCILLE S., Chamblee, Chemistry.

HENDRIX, DANIEL W., Washington, Mathematics.

HOWELL, CLARA W., Marietta, Chemistry.

NASH, JEFFERSON C., Atlanta, Zoology.

SHERIDAN, Sr. MARY ANTOINETTE, Savannah, Chemistry.

WESTBERG, RAYMOND, Jr., Winder, Mathematics.

WOOD, MARTHA M., Forest Park, Mathematics.

HAWAII

Graduate

FURUMOTO, AUGUSTINE S., Honolulu, Earth Sciences.

IZUNO, TAKUMI, Wahiawa, Genetics.

MASUMOTO, ELEANOR M., Kukuiahae, Chemistry.

MURABAYASHI, RICHARD J., Honolulu, Engineering.

STORY, ALFRED E., Puunene, Maui, Engineering.

WONG, QUERNIE, Honolulu, Psychology.

Cooperative Graduate

DEVERILL, ROBERT S., Hilo, Chemistry.
NAKAYAMA, PAUL I., Honolulu Engineering.
NATSUYAMA, HARRIET H., Honolulu, Mathematics.
TAKASHIMA, HERBERT T., KaaNapali, Lahaina, Chemistry.

Science Faculty

CHIU, ARTHUR N. L., Honolulu, Engineering.

Summer Fellowships for Secondary School Teachers

CHATFIELD, Sr. DOMINIC ROSAIRE, Kaneohe, Oahu, Biochemistry.
NOSE, KATASHI, Lihue, Kauai, Mathematics.

IDAHO

Graduate

BURDICK, GLENN, Pocatello, Physics.
COWGILL, GEORGE L., Grangeville, Anthropology.
MORTENSEN, GLEN A., Moscow, Engineering.
NIELSON, CLAIR W., Pocatello, Physics.
WALTZ, JAY A., Moscow, Zoology.

Cooperative Graduate

CONANT, DON R., Jr., Caldwell, Chemistry.
HARPER, KIMBALL T., Oakley, Botany.
KRUEGER, KENNETH W., Caldwell, Botany.
LARSEN, GARELD R., Rexburg, Engineering.
ROSS, CLEON W., Victor, Botany.

Science Faculty

BARR, WILLIAM F., Moscow, Zoology.
TILLOTSON, DONALD B., Nampa, Mathematics.
WILLIAMS, THOMAS L., Pocatello, Mathematics.

Summer Fellowships for Secondary School Teachers

HEGG, RAYMOND J., Moscow, Mathematics.

ILLINOIS

Graduate

ANDRES, RONALD P., Elmhurst, Engineering.
ASH, MICHAEL E., Winnetka, Mathematics.
AUVIL, PAUL R., Jr., Wayne, Physics.
BALDWIN, JOHN E., Oak Park, Chemistry.
BAUKOL, RONALD O., Downers Grove, Engineering.
BENNETT, JAMES H., Wilmette, Mathematics.
BLISS, JAMES C., Chicago Heights, Engineering.
BLUMENTHAL, RALPH B., Park Forest, Physics.
BODINE, ALAN G., Macomb, Physics.
BOURGIN, MARCIA, Urbana, Biophysics.
BRAVERMAN, MAXWELL H., Urbana, Zoology.
BREITWEISER, GARY C., Alton, Engineering.
BROWN, BARRY W., Riverside, Mathematics.
BUCCINO, ALPHONSE, Chicago, Mathematics.
BUSHNELL, JAMES C., Evanston, Physics.
CHILTON, FRANK M., Jr., Chicago, Physics
COLEMAN, SIDNEY, Chicago, Physics.
CORRELL, DAVID, Lombard, Zoology.
CUSHING, JAMES T., Chicago, Physics.
DOVE, WILLIAM F., Jr., Oak Park, Biochemistry.
DUDLEY, RICHARD M., Flossmoor, Mathematics.

ECKSTEIN, SHULAMITH, Chicago, Physics.
EDWARDS, HAROLD M., Jr., Champaign, Mathematics.
EHLERT, DAVID L., Bellwood, Mathematics.
ELDER, JOHN W., S.J., Chicago, Chemistry.
FOODEN, JACK, Chicago, Zoology.
FRAENKEL, DAN G., Urbana, Medical Sciences.
GOLDBERG, JAY M., Chicago, Psychology.
GOLIN, STUART, Chicago, Physics.
GUILLEMIN, VICTOR W., Oak Park, Mathematics.
HALPERN, HERBERT P., Chicago, Mathematics
HANNAUER, GEORGE, III, La Grange, Mathematics.
HARBEK, RICHARD C., Wood River, Earth Sciences.
HOLE, FRANK, Chicago, Anthropology.
HUMPHREYS, TOM D., II, Chicago, Zoology.
HUNGERFORD, THOMAS W., Chicago, Mathematics.
KALLENBRONN, JAMES S., New Baden, Chemistry.
KERMICLE, JERRY L., Dundas, Genetics.
KEYSER, LEON F., Waukegan, Chemistry.
KINGSLEY, JACK D., Urbana, Physics.
KUJALA, ROBERT, Chicago, Mathematics.
LELAND, KENNETH O., Chicago, Mathematics.
LEVINE, MICHAEL J., Chicago, Physics.
MAC LEAN, DAVID, Winnetka, Chemistry.
MILLER, WILLARD, Jr., Dundee, Mathematics.
MINN, FREDERICK L., Waukegan, Chemistry.
MOOREHEAD, LYNN, Poplar Grove, Zoology.
MULLIN, MICHAEL M., Mt. Carroll, Zoology.
NORTON, KARL K., Urbana, Mathematics.
OLOFSON, ROY A., Chicago, Chemistry.
OLSON, KENNETH E., Chicago, Engineering.
OFFER, JAMES, Shobonier, Physics.
POTTER, JAMES E., Rockford, Mathematics.
PRICE, JOHN C., Deerfield, Physics.
READEY, DENNIS W., Aurora, Engineering.
RENICK, REBECCA J., Manhattan, Chemistry.
REYNOLDS, JOHN C., Glen Ellyn, Physics.
ROWND, ROBERT H., Chicago, Medical Sciences.
SCHLESSINGER, DAVID, Chicago, Biochemistry.
SHREFFLER, DONALD C., Kankakee, Genetics.
SIEGEL, DANIEL, Chicago, Physics.
TALBOTT, RICHARD L., Elmhurst, Chemistry.
TANGORA, MARTIN C., Evanston, Mathematics.
TINKLER, JACK, Lansing, Engineering.
TOWBER, JACOB, Chicago, Mathematics.
VRENTAS, JAMES, Danville, Engineering.
WARD, HAROLD N., Evanston, Mathematics.
WAXMAN, NAHUM J., Chicago, Anthropology.
WEINER, DANIEL, Chicago, Physics.
WEINER, JOHN L., Chicago, Earth Sciences.
WEISS, LAWRENCE H., Chicago, Engineering.
WENTZEL, DONAT G., Chicago, Astronomy.
WILKINS, JOHN W., Oak Park, Physics.
WOLF, JOSEPH A., Chicago, Mathematics.
YOUNGDAHL, CARL K., Chicago, Mathematics.
YUND, RICHARD A., Farina, Earth Sciences.
ZIMMER, RUSSEL L., Springfield, Zoology.
ZIMMERMAN, STEVEN B., Chicago, Biochemistry.

Cooperative Graduate

BAKER, ROBERT H., Jr., Evanston, Biochemistry.
BARNES, JEAN M., Chicago, Psychology.
BENSON, RICHARD W., Chicago, Mathematics.
BEUSCHLEIN, MURIEL L., Chicago, Zoology.

- BICKFORD, MARION E., Jr., Urbana, Earth Sciences.
- BISCHOFF, KENNETH B., Chicago, Engineering.
- BLANKENSHIP, FLOYD A., Champaign, Chemistry.
- BLANKENSHIP, VORRIS J., Decatur, Economics.
- BUSH, RICHARD W., La Grange Park, Engineering.
- CAWLEY, ROBERT G., Urbana, Physics.
- CHLOUPEK, FRANK J., Berwyn, Chemistry.
- COBLEY, WILLIAM G., Shelbyville, Engineering.
- CREEK, ROBERT O., Harrisburg, Zoology.
- CURRIE, NEVA L., Loda, Zoology.
- DARST, RICHARD B., Franklin Park, Mathematics.
- DERWENT, JOHN E., Chicago, Mathematics.
- DITTMER, DAVID L., Quincy, Physics.
- DOBN, GORDON L., Chicago, Genetics.
- DYBVIK, DOUGLAS H., Champaign, Chemistry.
- ERNEST, JOHN ARTHUR, Urbana, Mathematics.
- FOULKES, WILLIAM D., Chicago, Psychology.
- GARTH, JOHN C., Urbana, Physics.
- GRADY, LEE T., Chicago, Chemistry.
- HAGEN, CARL R., Chicago, Physics.
- HANNON, WILLARD J., Elk Grove Village, Earth Sciences.
- HAPP, GEORGE M., Elmhurst, Zoology.
- HEID, KERMIT K. W., Elizabeth, Engineering.
- HOLM, ROBERT A., Waukegan, Engineering.
- JANNINCK, ROBERT F., Chicago, Engineering.
- JOSEPH, DANIEL D., Chicago, Engineering.
- KANE, HARRISON, Urbana, Engineering.
- KELLOGG, REID E., Evanston, Chemistry.
- KEVERN, NILES R., Elizabeth, Zoology.
- KLEIN, HARVEY S., Chicago, Chemistry.
- KLEIN, MILES V., Chicago, Physics.
- KOCH, KAY F., Tremont, Chemistry.
- KORNFELD, LOTTIE, Chicago, Microbiology.
- KOPP, JAY P., Galena, Physics.
- LEE, KATHERINE W., Chicago, Biochemistry.
- LEIPZIGER, STUART, Chicago, Engineering.
- LIUVEVICIUS, ARUNAS L., Chicago, Mathematics.
- MADELL, JOHN T., Brookfield, Engineering.
- MALVICK, ALLAN J., Oak Lawn, Engineering.
- MATHEWS, WESLEY, N., Jr., Champaign, Physics.
- MCCLAUGHRY, JOHN, Paris, Engineering.
- MEYER, MARSHALL D., Champaign, Engineering.
- MICHELSON, LEO C., Chicago, Engineering.
- NORDELL, WILLIAM J., Urbana, Engineering.
- OLFE, DANIEL B., Homewood, Engineering.
- RAFF, LIONEL M., Champaign, Chemistry.
- REED, WILLIAM A., Evanston, Physics.
- RENNICK, PHILLIP M., Chicago, Psychology.
- ROUGHEAD, WILLIAM G., Jr., Normal, Mathematics.
- RUTLEDGE, ROBERT B. III, East St. Louis, Mathematics.
- SACKETT, JAMES R., Northbrook, Anthropology.
- SCHWARTZ, LYLE H., Chicago, Physics.
- SPITTLER, THOMAS M., S.J., Chicago, Chemistry.
- STAFFORD, ROGER A., Champaign, Mathematics.
- STEIN, NELSON, Urbana, Physics.
- STUEBEN, EDWIN F., Chicago, Mathematics.
- SUTER, WALTER R., Evanston, General Biology.
- SYLVESTER, RAYMOND M., Chicago, Chemistry.
- TURNER, FRED A., Chicago, Chemistry.
- TRAPP, CHARLES A., Chicago, Chemistry.
- WALL, ROBERT E., Mulberry Grove, Chemistry.
- WEBER, ERWIN W., Park Ridge, Engineering.
- WEBER, THOMAS A., Chicago, Physics.
- WEINER, HOWARD J., Chicago, Physics.
- WEISS, ALAN D., Chicago, Engineering.
- WILSON, JOHN P., Knoxville, Anthropology.
- WILSON, THEODORE A., Elgin, Engineering.
- WINNICK, JACK S., Rockford, Engineering.
- WOOD, ALLEN D., Palos Heights, Engineering.
- WORK, STEWART D., Homewood, Chemistry.
- ZAHNER, JOHN C., Centralia, Engineering.
- Postdoctoral*
- BARGHUSEN, HERBERT R., Chicago, Zoology.
- BISSHOPP, FRED E., Chicago, Physics.
- COLLINS, LORENCE G., Champaign, Earth Sciences.
- DRUYAN, ROBERT, Chicago, Medical Sciences.
- ENKE, CHRISTIE G., Champaign, Chemistry.
- FREIFELDER, DAVID M., Waukegan, Biophysics.
- HAHN, FRANK J., Champaign, Mathematics.
- LENNARZ, WILLIAM J., Champaign, Chemistry.
- LEWIS, SHELDON N., Chicago, Chemistry.
- LIPPINCOTT, BARBARA B., Eldorado, Zoology.
- LIPPINCOTT, JAMES A., Eldorado, Biochemistry.
- PAULUS, HENRY P., Winnetka, Biochemistry.
- TORGERSON, JOHN R., Park Ridge, Medical Science.
- WEISSMAN, SHERMAN M., Chicago, Biochemistry.
- Senior Postdoctoral*
- DOZIER, EDWARD P., Northwestern U., Anthropology.
- GOODMAN, LEO A., Chicago, Mathematics.
- MERRIAM, ALAN P., Evanston, Anthropology.
- NACHTRIEB, NORMAN H., Palos Park, Chemistry.
- TELEGI, VALENTINE L., Chicago, Physics.
- Science Faculty*
- BAUSCH, AUGUSTUS F., Chicago, Mathematics.
- BERMAN, MARTIN, Urbana, Mathematics.
- CAPPEL, CHARLES H., Glen Ellyn, Zoology.
- CURTIS, JAMES O., Champaign, Engineering.
- FREYHERM, HARVEY A., DeKalb, Zoology.
- HOLZBERLEIN, THOMAS M., Elmhurst, Physics.
- LANGERBECK, Sr. MARY, Chicago, Astronomy.
- SAYVETZ, AARON, Chicago, Physics.
- SCHMIDT, MILTON O., Urbana, Earth Sciences.
- SCHMIDT, ROBERT S., Normal, General Biology.
- WENDT, ARNOLD, Macomb, Mathematics.
- Summer Fellowships for Graduate Teaching Assistants*
- ADCOCK, WILLIAM E., Assumption, Chemistry.
- ANDERSSON, MYRNA C., Homewood, Zoology.
- BEULIGMANN, RAYMOND F., Mt. Carmel, Engineering.
- BILLIG, ERNST, Evanston, Chemistry.
- BLINN, WALTER C., Chicago, General Biology.
- BOOKER, JOHN F., Western Springs, Engineering.
- BOLLERO, ANGELO J., Christopher, Chemistry.
- BROTHERS, MARIETTA, Lawrenceville, Microbiology.

DARST, RICHARD B., Franklin Park, Mathematics.
 DICKERHOOF, DEAN, W., Champaign, Chemistry.
 ENGELMANN, MANFRED D., Chicago, Zoology.
 ERLEBACHER, ALBERT, Chicago, Psychology.
 FARRELL, ROGER H., Champaign, Mathematics.
 FISHER, WILLIAM L., Marion, Earth Sciences.
 FOSS, ROBERT F., Chicago, Chemistry.
 FRANZAK, EDMUND G., Chicago, Physics.
 FRANZEN, WILLIAM G., Chicago, Mathematics.
 GABEL, NORMAN W., Chicago, Chemistry.
 GOETSCHEL, ROY H., Jr., Arlington Heights, Mathematics.
 GUFFEY, GEORGE R., Urbana, Earth Sciences.
 HARRIS, ROBERT A., Chicago, Chemistry.
 HAWBECKER, BYRON L., Lanark, Chemistry.
 HERRINGTON, KATHERINE A., Chicago, Zoology.
 JICHA, DONALD C., North Riverside, Chemistry.
 JONES, ROGER S., Urbana, Physics.
 KLEIN, MILES V., Chicago, Physics.
 LARSON, CARL S., Urbana, Engineering.
 LAUCK, DAVID R., LaSalle, Zoology.
 LONG, CLIFFORD A., Chicago, Mathematics.
 MATHEWS, WESLEY N., Jr., Champaign, Physics.
 MEYERS, M. DOUGLAS, Rushville, Chemistry.
 MORAN, DANIEL A., Chicago, Mathematics.
 NEALE, ROBERT S., Champaign, Chemistry.
 PALMER, GEORGE C., Charleston, Chemistry.
 PANONTIN, JOHN A., Chicago, Chemistry.
 PERRY, PRISCILLA A., Niles, Botany.
 PETERS, JOSEPH A., Urbana, Mathematics.
 PUGLIA, CHARLES R., Urbana, Zoology.
 ROTMAN, JOSEPH J., Chicago, Mathematics.
 SACHS, DAVID, Melrose Park, Mathematics.
 SCHLETER, EVERETT S., Champaign, Economics.
 SCHLUETER, DONALD J., Chicago, Physics.
 SODERSTROM, THOMAS R., Oak Park, Botany.
 SOMERS, BRUCE G., Urbana, Chemistry.
 STUBBEN, EDWIN F., Chicago, Mathematics.
 SUTER, WALTER R., Evanston, General Biology.
 WAGNER, JOHN A., Riverside, Zoology.
 WARD, HAROLD R., Mt. Vernon, Chemistry.
 WEINER, HOWARD J., Chicago, Physics.
 WICKSTROM, LEROY A., Chicago, Engineering.
 ZELKO, JAMES J., Joliet, Chemistry.

Summer Fellowships for Secondary School Teachers

ANGUS, HARVEY L., Niantic, Mathematics.
 BARTHOLOMEW, BERNARD R., Freeport, Mathematics.
 BENNOON, CARMEL, Chicago, Chemistry.
 BUCKLEY, ST. MARY ELLEN, S.N.D., Chicago, Physics.
 BUKOVSAN, WILLIAM, Chicago, Zoology.
 BURSTROM, WARREN F., Mt. Morris, Mathematics.
 CAMP, DORIS J., Eldorado, Mathematics.
 COOPER, WILLIAM E., Geneva, Physics.
 DETERDING, H. ROLAND, Gilman, Mathematics.
 DEESKA, ST. M. NOEL, O.S.F., Joliet, Physics.
 HOBBING, ST. MARY VIVIAN, O.S.F., Joliet, General Biology.
 HOFMAN, LEONA J., Chicago, Mathematics.
 LEE, HENRY T., St. Anne, Physics.
 LOBBE, RUSSELL L., Roseville, Mathematics.
 LUDWIG, EDWARD E., Oak Park, Mathematics.
 LUND, DONALD L., Malden, Mathematics.

MALLON, MOTHER M. SEBASTIAN, Chicago, General Biology.
 MESKIMEN, IRVING C., Champaign, Mathematics.
 MILLER, ST. MARY IVO, B.V.M., Chicago, General Biology.
 NEVILLE, ST. MARY THERESE MARTIN, Chicago, Chemistry.
 PERHAM, REV. ARNOLD, C.S.V., Springfield, Physics.
 PIERCE, MAURINE M., Wapella, Genetics.
 PIXLEY, LOREN W., La Salle, Mathematics.
 QUATMAN, ST. FRANCIS MICHAEL, Belleville, Mathematics.
 RILEY, CONSTANCE A., St. Joseph, Biochemistry.
 ROARK, OAKLEY F., Jr., Sycamore, General Biology.
 ROBINSON, MYRA Z., Skokie, Zoology.
 RYCHTARIK, ALBERT J., Chicago, Physics.
 SCHAFER, ST. MICHAEL, S.P., Galesburg, Chemistry.
 STEJSKAL, JOHN W., S.J., Wilmette, Physics.
 TAFT, KATHERINE D., Highland Park, Agriculture.
 TRUCHAN, ST. MARY ETIENNE, O.S.F., Chicago, General Biology.
 WHITEHEAD, ST. M. MICHELYN, O.S.F., Joliet, General Biology.
 ZIEGLER, ROBERT E., Elgin, General Science.
 ZINK, ST. MARY WILMA, La Grange Park, Chemistry.

INDIANA

Graduate

BELINFANTE, JOHAN G., West Lafayette, Physics.
 CLAUS, STANLEY, Woodburn, Mathematics.
 CROWTHERS, EDWARD J., North Liberty, Experimental Psychology.
 DAVIDSON, MICHAEL L., Peru, Engineering.
 DODD, JAMES R., Owensville, Earth Sciences.
 DUNLEAVY, ST. M. ROSALEEN, C.S.C., Notre Dame, Microbiology.
 FISH, FEROL F., Jr., East Chicago, Earth Sciences.
 FISHER, THORNTON R., Indianapolis, Physics.
 FRANZT, ALAN, North Manchester, Mathematics.
 GOLDMAN, ELAINE D., Indianapolis, Mathematics.
 HUEBER, FRANCIS M., Indianapolis, Earth Sciences.
 HUNTER, RALPH E., Evansville, Earth Sciences.
 JENKINS, THOMAS N., Indianapolis, Mathematics.
 LUNDY, RICHARD A., Brazil, Physics.
 MILES, GLEN A., Cloverdale, Engineering.
 MONTGOMERY, DONALD R., Bloomington, Chemistry.
 NEUMANN, HOLM W., Bloomington, Anthropology.
 PARR, JAMES T., Lebanon, Mathematics.
 PEALE, STANTON J., Indianapolis, Engineering.
 POHL, WILLIAM F., Michigan City, Mathematics.
 PRAIRIE, RICHARD L., Fort Wayne, Biochemistry.
 RAGLAND, THOMAS E., Batesville, Biochemistry.
 RIGG, ROBERT G., Hammond, Engineering.
 ROGERS, MARION A., Richmond, Earth Sciences.
 SCHMALBERGER, DONALD C., Bloomington, Astronomy.

SCHRECK, GEORGE L., Seymour, Physics.
SIMS, CHARLES C., Elkhart, Mathematics.
STARBUCK, WILLIAM H., Portland, Mathematical Economics.
VOUGHT, ELDON J., South Bend, Mathematics.
WHITE, HENRY E., Jr., Lafayette, Mathematics.

Cooperative Graduate

BALL, ROBERT E., Indianapolis, Engineering.
BROWN, DONALD R., Evansville, Psychology.
CALDWELL, JANET H., West Lafayette, Microbiology.
CHIDDISTER, JERRY L., Goshen, Engineering.
CURRENT, JERRY H., Anderson, Chemistry.
DAVIDSON, MARILYN D., Whiting, Zoology.
DILLING, WENDELL L., West Lafayette, Chemistry.
EMERSON, JOHN L., Owensville, Medical Sciences.
ENGELHARDT, DONALD W., Bloomington, Botany.
GLAUZ, WILLIAM D., West Lafayette, Engineering.
GRIFFIOEN, ROGER D., Lafayette, Chemistry.
HAWLEY, JOHN W., Evansville, Earth Sciences.
HARSHBARGER, RICHARD B., Bloomington, Mathematical Economics.
KELLAM, JOHN M., Jr., Indianapolis, Engineering.
KNILL, RONALD J., South Bend, Mathematics.
LAWVERE, FRANCES W., Jr., Bloomington, Mathematics.
LEARY, DONALD E., Notre Dame, Zoology.
LEWELLYN, RALPH A., Jr., West Lafayette, Physics.
MCCARTY, CHARLES B., Lawrenceburg, Engineering.
MCLEAN, DOUGLAS H., Fort Wayne, Engineering.
MICHAEL, JOE V., Fort Wayne, Chemistry.
MONTGOMERY, ROBERT H., Scottsburg, Agriculture.
MOSBY, JAMES F., Indianapolis, Engineering.
NAYLOR, JAMES C., Lafayette, Psychology.
NOBBE, LOUIS B., West Lafayette, Engineering.
RHODE, J. IVAN, Lafayette, Physics.
SCHERER, KIRBY V., Jr., Evansville, Chemistry.
STOVE, JEANNE L., Newcastle, Microbiology.
STOWERS, JULIAN L., Kirklint, Chemistry.
SUGITA, EDWIN T., West Lafayette, Medical Sciences.
THOMAS, ROBERT L., Speedway, Mathematics.
THOMPSON, MAYNARD D., Michigan City, Mathematics.
TOOMBS, HAROLD D., West Lafayette, Engineering.
WEINBERG, ELLIOT C., South Bend, Mathematics.
ZELL, ELIZABETH A., Kentland, Microbiology.

Postdoctoral

STEWART, THOMAS E., South Bend, Mathematics.

Senior Postdoctoral

GILLMAN, LEONARD, West Lafayette, Mathematics.
LEWIS, DONALD J., South Bend, Mathematics.
STEFFEN, ROLF M., West Lafayette, Physics.
STOLNITZ, GEORGE J., Bloomington, Mathematical Economics.

Science Faculty

BLACK, HOWARD T., Terre Haute, Physics.
EGAN, JAMES P., Bloomington, Mathematics.
GELDMACHER, ROBERT C., Lafayette, Engineering.
GERKING, SHELBY D., Bloomington, Zoology.
INGRAM, GERALD E., West Lafayette, Engineering.
LAUER, KENNETH R., South Bend, Engineering.
LINDHOLM, JOHN C., Lafayette, Engineering.
LOWRY, MURRILL M., Indianapolis, General Biology.
NEBERGALL, WILLIAM H., Bloomington, Chemistry.
PARLEE, NORMAN A. D., West Lafayette, Engineering.
WAGNER, KENNETH A., Union City, General Biology.
YAQUB, ADIL M., Lafayette, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

BARNES, GERALD J., West Lafayette, Engineering.
BAYER, HORST O., West Lafayette, Chemistry.
BROWN, DONALD R., Evansville, Psychology.
BORDERS, DONALD B., Logansport, Chemistry.
BREWER, ROBERT H., Evansville, Zoology.
CHALMERS, ROBERT K., West Lafayette, Medical Sciences.
ERSKINE, JOHN R., Notre Dame, Physics.
EUSTICE, DAN J., West Lafayette, Mathematics.
FLEMING, JAMES R., Evansville, Engineering.
GILLIOM, RICHARD D., Bluffton, Chemistry.
GOODWINE, JAMES K., Jr., West Lafayette, Engineering.
HINCKLEY, RICHARD A., Winchester, Genetics.
JONAH, DAVID W., West Lafayette, Mathematics.
LAW, JAY R., Richmond, Agriculture.
MEYERS, BERNARD L., Indianapolis, Chemistry.
NAYLOR, JAMES C., Lafayette, Psychology.
PETRY, ROBERT F., Hebron, Physics.
SAGE, ANDREW P., Jr., West Lafayette, Engineering.
SPITLER, EVERETT E., West Lafayette, Engineering.
THOMPSON, MAYNARD D., Michigan City, Mathematics.
WARRICK, WALTER H., West Lafayette, Mathematical Economics.
YAQUB, FAWZI M., West Lafayette, Mathematics.

Summer Fellowships for Secondary School Teachers

ALBIN, LEE H., Evansville, Mathematics.
BANDELIER, KENNETH J., New Haven, Botany.
CAIN, BRO. JOSEPH RICHARD, C.S.C., Evansville, Zoology.
DAVIDSON, JAMES E., Indianapolis, Mathematics.
DEARDORFF, CLETUS O., Wabash, Mathematics.
KIRKMAN, GERALD L., Evansville, Chemistry.
LUFF, JAMES R., Lafayette, Mathematics.
MILLER, THOMAS J., Evansville, General Biology.
MONRAD, Sr., CONRAD, Fort Wayne, Mathematics.
MURRAY, JAMES F., Lafayette, Physics.

OVERMIRE, THOMAS G., Indianapolis, Zoology.
 PARKER, FREDERICK A., Indianapolis, Mathematics.
 REHM, JUSTIN G., Indianapolis, Mathematics.
 ROBINSON, KENNETH S., Oakland City, Physics.
 SALER, WILLIAM J., Indianapolis, Mathematics.
 SCHILF, Sr. ANNE PAULINE, Fort Wayne, Physics.
 SCHILLING, ROBERT G., Frankfort, Mathematics.
 SEDGWICK, LLOYD C., Greentown, Mathematics.
 SETTLE, RALPH D., Portland, Physics.
 SIMS, WILLIAM HENRY, Washington, General Science.
 THARP, CHARLES A., Berne, Mathematics.
 WAGNER, WARREN W., Bedford, Mathematics.
 WEINHIMER, ALLAN R., Indianapolis, Mathematics.
 WELTY, CLARENCE P., Hammond, Physics.

IOWA

Graduate

BIERY, JOHN C., Ames, Engineering.
 ECKER, RICHARD E., Ames, Microbiology.
 EGGER, CARL T., Monticello, Engineering.
 KOHLMAN, DAVID L., Lamoni, Engineering.
 POLKING, JOHN C., Breda, Mathematics.
 ROBERTS, WALDEN K., Lamoni, Biochemistry.
 SARGEANT, PETER B., Cedar Rapids, Chemistry.
 STRANDBURG, DONALD L., Sioux City, Physics.
 STUDIER, F. WILLIAM, Waverly, Biophysics.
 SUNDQUIST, BRUCE E., Davenport, Engineering.
 WEYANT, ROBERT G., Iowa City, Psychology.

Cooperative Graduate

ANDERSON, DENNIS E., Ames, Botany.
 BELL, JERRY A., Bettendorf, Chemistry.
 BENTRUDE, WESLEY G., Waterloo, Chemistry.
 BERLYN, MARY K., Ames, Biochemistry.
 CHASE, JOHN W., Council Bluffs, Chemistry.
 COOK, CHARLES J., Des Moines, Physics.
 DIVELBISS, JAMES E., Iowa City, Genetics.
 FENSKA, RICHARD F., Ames, Chemistry.
 HILLER, ROBERT J., Decorah, Mathematics.
 HILTON, JAMES G., Ames, Econometrics.
 HOFFMAN, LARRY R., Sigourney, Botany.
 HOVERSTEN, ESTIL V., Ames, Engineering.
 JOHNSON, KENT E., Davenport, Earth Sciences.
 KLEBER, RICHARD S., Iowa City, Mathematics.
 KLEESE, ROGER A., Ames, Agriculture.
 KRAUS, KENNETH W., Waterloo, Chemistry.
 LIGON, JAMES T., Ames, Engineering.
 LINK, DAVID A., Ames, Engineering.
 LUDVIGSON, H. WAYNE, Rock Rapids, Psychology.
 MCCLENAHAN, MARY L., Sigourney, Psychology.
 MAHONEY, LEE R., Ames, Chemistry.
 MEYER, FRED P., Schaller, Zoology.
 NOLE, BRUCE O., Iowa City, Earth Sciences.
 PALMQUIST, JOHN C., Iowa City, Earth Sciences.
 PETRO, JOHN W., Iowa City, Mathematics.
 PULLEY, ARDEN O., Ames, Biochemistry.
 RIDDELL, NANCY C., Ames, Zoology.
 SAMUELS, ROBERT L., Ames, Engineering.
 TIFFANY, FLOYD L., Des Moines, Engineering.

WAGNER, ROGER A., Burlington, Psychology.
 WATSON, GEORGE A., Knoxville, Engineering.
 WAUER, JOHN C., Sioux City, Engineering.
 WOODY, ROBERT W., Newton, Chemistry.
Senior Postdoctoral
 HANSEN, ROBERT S., Ames, Chemistry.
Science Faculty
 RAUMANN, EDWARD R., Ames, Engineering.
 FAHIEN, RAYMOND W., Ames, Engineering.
 GLOWER, DONALD D., Ames, Engineering.
 REED, ALVIN A., Ames, Engineering.
 WILSON, LELAND L., Cedar Falls, Chemistry.
 YOS, DAVID A., Burlington, Botany.

Summer Fellowships for Graduate Teaching Assistants

CARLSON, ALBERT D., Iowa City, Zoology.
 CARLSON, CLARENCE A., Ames, Zoology.
 DIVELBISS, JAMES E., Iowa City, Genetics.
 JOHNSON, BRUCE L., Ames, Engineering.
 KLEBER, RICHARD S., Iowa City, Mathematics.
 KRAUS, KENNETH W., Waterloo, Chemistry.
 LONG, FRANCIS M., Iowa City, Engineering.
 MATHEWS, JEROLD C., Des Moines, Mathematics.
 MARTY, WAYNE G., LuVerne, Zoology.
 MCINTOSH, THOMAS H., Ames, Microbiology.
 MOYLE, RICHARD W., Iowa City, Earth Sciences.
 NORTON, KATHERINE, Alta, Zoology.
 ROISEN, BENJAMIN A., Northwood, Mathematics.

Summer Fellowships for Secondary School Teachers

CAMPBELL, ARTHUR L., Iowa City, Chemistry.
 DRAKE, ALLEN R., Indianola, General Science.
 GEAREN, Sr. MARY MAURINE, B.V.M., Iowa City, Chemistry.
 HAWTHORNE, FRANK C., Jr., Sergeant Bluff, Zoology.
 HENNEY, ROBERT C., Quimby, Chemistry.
 JACKSON, WALTER J., New Hampton, General Science.
 JEFFRIES, VIRGINIA R., Corydon, General Biology.
 KIRKPATRICK, HERMAN H., Des Moines, Physics.
 LE MAIRE, Sr. MARY CHARMAINE, B.V.M., Clinton, Chemistry.
 MILLER, ALVA J., Iowa City, Earth Sciences.
 RICHARDS, JOHN F., Iowa Falls, Mathematics.
 SCHRAMM, MERLE D., Onawa, General Science.
 SNYDER, JOHN D., Correctionville, Physics.

KANSAS

Graduate

BATH, THOMAS D., Mission, Engineering.
 CEDERBERG, JAMES, Herndon, Physics.
 DAVIS, JOHN A., Jr., Topeka, Engineering.
 ENOS, PAUL P., Perry, Earth Sciences.
 FIOCK, FRANK D., Lawrence, Physics.
 FRANZEN, HUGO F., Lawrence, Chemistry.
 HAINES, HOWARD B., Kansas City, Zoology.
 HANSON, DAVID L., Wichita, Mathematics.
 HARMS, CLARENCE E., Hillsboro, Zoology.
 HAYS, BYRON G., Wichita, Chemistry.
 HOBBS, CHARLES F., Lawrence, Chemistry.
 JONES, JERRY L., Lawrence, Physics.
 RAMSAY, ARLAN, Dodge City, Mathematics.
 REYNOLDS, WYNETKA A., Emporia, Zoology.
 RICHERT, A. STUART, Wichita, Physics.

SETSER, DONALD W., Hudson, Chemistry.
SINKHORN, RICHARD D., Wichita, Mathematics.

SOMMER, WARREN T., Manhattan, Physics.
STRATTAN, ROBERT D., Newton, Engineering.
STRICKLER, STEWART J., Hutchinson, Chemistry.

Cooperative Graduate

ADAMS, RUSSELL S., Jr., LaHarpe, Agriculture.

DEALY, JOHN M., Wichita, Engineering.
FEDDE, MARION R., Mankato, Agriculture.
FRANKENFELD, JOHN W., Prairie Village, Chemistry.

HAMILTON, THOMAS J., Atchison, Zoology.
HARTKE, JEROME L., Herington, Physics.
HORNE, FREDERICK H., Mission, Chemistry.
KROTZ, BARBARA J., Wichita, Biochemistry.
MANTEY, JOHN P., Sharon Springs, Engineering.

NEWTON, JOHN C., Grainfield, Chemistry.
POOL, JAMES C., Wellsville, Physics.
ROMARY, KIRK, Manhattan, Chemistry.
ROOT, JOHN W., Shawnee, Chemistry.
SCHMIDT, GARFIELD C., Larned, Mathematics.

SENECAL, REV. GERARD, O.S.C., Atchison, Physics.

SKINNER, JAMES L., Lincoln, Engineering.
STUTEVILLE, DONALD L., Parsons, Agriculture.

WILSON, FREDDIE E., Lenexa, Zoology.
WOLFE, HERBERT G., Lawrence, Genetics.
WOODMANSEE, WAYNE E., Wichita, Chemistry.

ZAHNLEY, JAMES C., Manhattan, Biochemistry.

Postdoctoral

GASTON, LAMONT W., Lawrence, Medical Sciences.

Senior Postdoctoral

SOKAL, ROBERT R., Lawrence, General Biology.

Science Faculty

ALTENDORF, JAMES J., Winfield, Chemistry.
CHOGUILL, HAROLD S., Hays, Chemistry.
CRANK, ROBERT E., Manhattan, Engineering.
LUNGSTORM, LEON G., Lindsborg, Medical Science.
TAFT, DOROTHY L., Lawrence, Botany.

Summer Fellowships for Graduate Teaching Assistants

BOLES, ROBERT J., Manhattan, Zoology.
BROMAN, JANIS C., Salina, Chemistry.
FRANKENFELD, JOHN W., Prairie Village, Chemistry.

GAUGHAN, EDWARD D., Reading, Mathematics.

JOHNSON, WILLIAM J., Hillsboro, Chemistry.
MCDOWELL, JOHN W., Jr., Halstead, Chemistry.

MICHAELS, KENNETH B., Manhattan, Engineering.

MOHILNER, DAVID M., Lawrence, Chemistry.
RUMFEL, MAX L., Ogallah, Chemistry.
SCHMITZ, EUGENE H., Alma, Zoology.

Summer Fellowships for Secondary School Teachers

BLAKE, WALTER P., Pratt, Biochemistry.
CANINE, CELIA H., Wichita, Mathematics.

COLYN, JOHN L., McPherson, General Biology.
FRAZIER, JAY L., McPherson, General Biology.

HIGHT, DONALD W., Wichita, Mathematics.
HODGES, MARION L., Wichita, General Science.

JANTZ, DIETRICH B., Marion, Physics.
KELLEY, Sr. MARY AMBROSE, C.S.J., Salina, Physics.

MEYER, ROLAND E., Attica, Mathematics.
MOORE, Sr. M. HARRIET, C.S.J., Dodge City, Mathematics.

PETERS, ARTHUR J., Olathe, Mathematics.
QUIRING, FRANK S., Kansas City, Chemistry.
RAMSEY, JED J., Courtland, General Biology.

RIGGS, MARVIN L., Alton, General Biology.
SHAW, NEALE D., Sublette, Mathematics.
SIMMS, ROBERT A., S.J., Wichita, Mathematics.

WILLIAMS, Sr. MARY RAYMONDETTE, Wichita, Chemistry.

KENTUCKY

Graduate

COOK, MAURICE G., Hatton, Agriculture.
HARDIN, BOBBY O., Lexington, Engineering.
HIGGINS, LORETTA M., Newport, Biochemistry.

KOEHL, WILLIAM J., Jr., Covington, Chemistry.

KONSLER, THOMAS R., Henderson, General Biology.

LIND, JOHN E., Jr., Louisville, Chemistry.
MELTON, CHARLES Jr., Henderson, Genetics.
SUICH, JOHN E., Louisville, Engineering.
WESSEL, WILLIAM L., Louisville, Physics.

Cooperative Graduate

ALVEY, FRANK B., Louisville, Chemistry.
BIGGERSTAFF, JOHN A., Berea, Physics.
BRYANT, TRUMAN R., Lexington, Botany.
COOMES, HUGH R., Jr., Fort Thomas, Mathematics.

CRAWFORD, THOMAS H., Louisville, Chemistry.

DETWILER, BETTY C., Eminence, Mathematics.

DRESSMAN, JOHN B., Covington, Engineering.

GRAY, HARRY B., Bowling Green, Chemistry.
HARRIS, MAX R., West Paducah, Physics.

HOHMAN, Sr. BENEDICT, S.C.N., Louisville, Chemistry.

INMAN, WILLIAM C., Lexington, Psychology.
KAFESJIAN, RALPH, Louisville, Engineering.

KISSLING, ELIZABETH H., Lexington, Earth Sciences.

LACKEY, JACKSON B., Richmond, Mathematics.

LAMB, RICHARD C., Lexington, Physics.
LAYSON, WILLIAM M., Millersburg, Physics.

REYNOLDS, RAY T., Lexington, Physics.
SAMPSON, CHARLES H., Lexington, Mathematics.

SCHNEITER, GEORGE R., Louisville, Engineering.

Postdoctoral

BARNETT, LEWIS B., Lexington, Biochemistry.

Science Faculty

CRENSHAW, MARY A., Cave City, Biochemistry.

PITMAN, W. J., Murray, Zoology.

Summer Fellowships for Graduate Teaching Assistants

CURTIN, MARY E., Lexington, Psychology.
DAWSON, WALLACE D., Jr., Midway, Zoology.

DINGUS, DOYLE R., Martin, Engineering.

Summer Fellowships for Secondary School Teachers

BENNETT, BERT A., Covington, Mathematics.
BERTKE, Sr. MARY CHRISTOPHER, Erlanger, Mathematics.
CAMERON, Sr. MARCELLA, S.C.N., Louisville, Mathematics.
GARRISON, EDWINA R., Denton, Botany.
JACOBS, Sr. MARY FRANCES, O.S.B., Covington, Mathematics.
MATTINGLY, Sr. ALOYSIA, S.C.N., Nazareth, Mathematics.
MUDD, Sr. JEANNETTE, S.C.N., Henderson, Mathematics.
SMITH, CHARLES E., Jr., Bardstown, General Biology.

LOUISIANA

Graduate

CONWAY, EDWARD D., III, New Orleans, Physics.
FRICKEN, RAYMOND L., New Orleans, Physics.
FRIEDMAN, H. GEORGE, Jr., Shreveport, Chemistry.
SMITH, WILLIAM N., Jr., Metairie, Chemistry.

Cooperative Graduate

ANDERSON, ELVON G., Baton Rouge, Earth Sciences.
BEAUBOUFF, RICHARD T., Baton Rouge, Engineering.
DECK, RONALD J., New Orleans, Physics.
DONALDSON, DARRELL J., New Orleans, Chemistry.
EDISON, WILLIAM W., New Orleans, Physics.
ELDER, ELEANOR S., Baton Rouge, Chemistry.
GILBERT, JIMMIE D., Quitman, Mathematics.
GUILBAULT, GEORGE G., New Orleans, Chemistry.
KNIGHT, L. WILLARD, Baton Rouge, Chemistry.
OLIVIER, JOSEPH F., Arnaudville, Engineering.
POYNOR, GEORGE V., Hammond, Mathematics.
SIMPSON, SIDNEY B., Jr., New Orleans, Zoology.
WATTS, ROBERT G., Lettsworth, Engineering

Senior Postdoctoral

TRAYNHAM, JAMES G., Baton Rouge, Chemistry.

Science Faculty

BRUMAGE, WILLIAM H., Ruston, Physics.
ELIOFF, ROBERT, Monroe, Physics.
JOHNSON, MELVIN A., Jr., Grambling, Medical Science.
JOHNSON, MILTON R., Jr., Ruston, Engineering.
WAHAB, JAMES H., New Orleans, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

GIROD, WILLIAM P., Tallulah, Physics.
GUILBAULT, GEORGE G., New Orleans, Chemistry.
HUSSEY, ROBERT G., Shreveport, Physics.
RICHARDSON, MILES E., New Orleans, Anthropology.
ROGILLO, BYRON, L., Jackson, Engineering.
WILLIS, DONALD E., Baton Rouge, Chemistry.
YOUNG, WARREN L., Eunice, Chemistry.

Summer Fellowships for Secondary School Teachers

DANOS, Mother M. CARMELITA, Abbeville, Physics.

O'TOOLE, Sr., PATRICK ANN, New Orleans, Mathematics.
SCHIEBER, ROBERT E., Amite, Mathematics.
SCHMOLKE, RAYMOND L., Alexandria, Microbiology.
STROY, JAMES S., New Orleans, General Science.
WARD, MALCOM F., Lake Charles, Chemistry.

MAINE

Graduate

KNIGHT, WILLIAM S., Auburn, Chemistry.
SCOTT, SARAH V., Bar Harbor, Anthropology.
TOWNES, HARRY W., Auburn, Engineering.
WALCH, CAROLYN R., Portland, Zoology.

Cooperative Graduate

FROST, GEORGE W., Orono, Zoology.
PINKHAM, GORDON N., Bath, Mathematics.
TURNER, JAMES H., Skowhegan, Engineering.

Science Faculty

GUSTAFSON, ALTON H., Brunswick, Genetics.
Summer Fellowships for Graduate Teaching Assistants
SNIDER, MARVIN, Portland, Psychology.
WOODBREY, JAMES C., Sebago Lake, Chemistry.

MARYLAND

Graduate

ANDERSON, DON L., Baltimore, Earth Science.
BAROFF, JAMES H., Cheverly, Physics.
BROWN, ROBERT L., Kensington, Chemistry.
CURTIS, EDWARD B., Annapolis, Mathematics.
FERGUSON, JOHN D., Bishop Head, Mathematics.
GOREN, SIMON L., Baltimore, Engineering.
HAINES, LARRY K., Towson, Physics.
HAUK, PETER, Chevy Chase, Chemistry.
HAUK, ROBALIND, Chevy Chase, Biochemistry.
KANTOR, PAUL B., Silver Spring, Physics.
KAUFMANN, JOHN H., Towson, Zoology.
MAHOWALD, ANTHONY P., Baltimore, Biochemistry.
MILTON, DANIEL J., Silver Spring, Earth Sciences.
MORRIS, JOHN E., Silver Spring, Biochemistry.
MURPHY, FREDERICK V., Jr., Chevy Chase, Physics.
SHARNOFF, MARK, Chevy Chase, Physics.
SIGER, ALVIN, Baltimore, Biophysics.
STAGNER, MARILYN L., Bethesda, Zoology.
VAN TREES, HARRY L., Jr., Glen Burnie, Engineering.
WARNER, JONATHAN R., Bethesda, Biophysics.
WHITLOCK, HOWARD W., Jr., University Park, Chemistry.
ZDANIS, RICHARD A., Baltimore, Physics.

Cooperative Graduate

AKS, STANLEY, College Park, Physics.
BLAKLEY, GEORGE R., West Hyattsville, Mathematics.
BOLLINGER, ROBERT E., Baltimore, Engineering.
FINK, DONALD L., Baltimore, Engineering.
FULLER, GEBALD LEE, Baltimore, Engineering.
GLICK, LEONARD B., Baltimore, Anthropology.
IRELAND, KENNETH F., Baltimore, Mathematics.
JONES, DONALD G., Takoma Park, Chemistry.
LATIMER, GEORGE W., Jr., Bethesda, Chemistry.

LEON, MELVIN, W. Hyattsville, Physics.
MARTIN, RICHARD L., Baltimore, Engineering.
MASERICK, PETER H., Silver Spring, Mathematics.
MULLALLY, JANET J., Bethesda, Mathematics.
MULY, EMIL C., Baltimore, Engineering.
SHINKMAN, PAUL G., Bethesda, Psychology.
TAPLITZ, VIGDOR L., Hyattsville, Physics.
WEBER, HARRY W., Jr., Baltimore, Chemistry.

Postdoctoral

BERNSTEIN, EUGENE M., Baltimore, Physics.
CARROLL, ROBERT W., West Hyattsville, Mathematics.
LIPPS, FRANK B., Baltimore, Earth Sciences.
MOORE, ROBERT H., College Park, Mathematics.
TRAYSER, KENNETH A., Baltimore, Biochemistry.
WEBBER, WILLIAM R., University Park, Physics.

Senior Postdoctoral Fellowships

BROIDA, HERBERT P., Bethesda, Physics.
FERRELL, RICHARD A., Greenbelt, Physics.
WATERS, AARON C., Lutherville, Earth Sciences.
WEISSBACH, ARTHUR, Bethesda, Biochemistry.

Science Faculty Fellowships

CALLAHAN, Sr. MARY, Baltimore, Chemistry.
JACKSON, STANLEY B., Takoma Park, Mathematics.
KING, JOHN W., Baltimore, Botany.
MILLER, PAUL P., Baltimore, Mathematics.
PECK, MAHLON F., Westminster, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

ACHINSTEIN, PETER J., Bethesda, Philosophy of Science.
BRIERLEY, GERALD P., Greenbelt, Biochemistry.
DI GIORGIO, JOSEPH B., Baltimore, Chemistry.
FORMAN, RICHARD T., Easton, Botany.
GINI, ELAINE M., Baltimore, Chemistry.
HURLBUTT, HENRY W., College Park, Zoology.
LAZARUS, MAXINE B., Baltimore, Chemistry.
LYNCH, CHARLES T., Chevy Chase, Chemistry.
MAYERS, MARVIN K., Silver Spring, Anthropology.
TEPLITE, VIGDOR L., Hyattsville, Physics.
TEWS, MELVIN C., College Park, Mathematics.
WINKLER, ROBERT R., College Park, Chemistry.

Summer Fellowships for Secondary School Teachers

CASSELL, DOUGLAS H., Aberdeen, General Biology.
DYKE, BARBARA S., Rockville, Mathematics.
FINNEGAN, Sr., REGINA, S.N.D., Brooklandville, General Biology.
KENNEDY, VELMA S., Centerville, Mathematics.
MCKINLEY, CLARENCE P., Prince George's Co., Physics.
MORRIS, JAMES T., Montgomery County, General Science.
PRESSLER, AUDREY E., Frederick, General Biology.
SCOTT, JOHN R., Beltsville, General Biology.
WILLIAMS, LOUISE C., Towson, Mathematics.
WINTERS, JOHN M., Sandy Spring, General Science.

MASSACHUSETTS

Graduate

ADLER, ALICE, Cambridge, Chemistry.
AIKENS, DAVID A., Cordaville, Chemistry.
AYERELL, JOHN P., Cambridge, Physics.
BAYM, GORDON A., Pittsfield, Physics.
BENEDICT, MARY H., Weston, Chemistry.
BOLGER, JUSTIN C., Boston, Engineering.
BROWN, PAUL S., Dorchester, Engineering.
CLEARY, RICHARD T., S.J., Weston, Zoology.
COOPER, BERNARD E., Hyde Park, Physics.
COTTER, EDWARD, Chelsea, Earth Sciences.
DIAMOND, JARED M., Brookline, Medical Sciences.
DIXON, WILLIAM B., Fall River, Chemistry.
EYDE, RICHARD H., Cambridge, Botany.
FEDERER, CHARLES, III, Belmont, Agriculture.
FLEXER, ABRAHAM S., West Medford, Zoology.
FULTON, ROBERT L., East Weymouth, Chemistry.
GELB, ARTHUR, Cambridge, Engineering.
GIBBS, SARAH P., Belmont, Zoology.
GOLD, L. PETER, Brockton, Chemistry.
GOLDSTEIN, RUBIN, Cambridge, Physics.
GOODRICH, ROBERT L., Cambridge, Physics.
GOSSARD, ARTHUR C., Quincy, Physics.
GROLL, DONALD S., South Walpole, Engineering.
HARTSHORNE, ROBERT C., Cambridge, Mathematics.
HATCH, THEODORE F., Jr., Cambridge, Mathematics.
HOWARD, WEBSTER E., Jr., Cambridge, Physics.
HUNT, THOMAS K., Belmont, Physics.
KADANOFF, LEO P., Cambridge, Physics.
KAYTON, MYRON, Lowell, Engineering.
LECHNER, ROBERT J., Watertown, Engineering.
LOCKSHIN, RICHARD A., Northampton, Zoology.
MARCUS, DANIEL H., Boston, Engineering.
MCGOFF, DAVID J., Somerville, Engineering.
MONTGOMERY, CHARLES G., Winchester, Physics.
PERSHAN, PETER S., Cambridge, Physics.
POULTNEY, SHERMAN K., Leominster, Physics.
ROZIN, PAUL, Cambridge, Psychology.
SCHLESINGER, JAMES W., Allston, Mathematics.
STEARNS, DORIS L., Ayer, Psychology.
SULLIVAN, RICHARD F., Needham, Chemistry.
VASQUEZ, ALPHONSE T., Braintree, Mathematics.
WEINREB, SANDER, Cambridge, Engineering.
WHARTON, LENNARD, Cambridge, Chemistry.
WHITNEY, PHILIP R., Marshfield, Earth Science.
WHITTIER, DEAN P., Millbury, Botany.
WILLIAMS, DAVID C., Belmont, Chemistry.

Cooperative Graduate

ADLER, DAVID, Cambridge, Physics.
BURGIEL, JOSEPH C., Ware, Engineering.
BURSTYN, HAROLD L., Cambridge, History of Science.
CARLIN, RICHARD L., Plymouth, Chemistry.
CARLSON, GERALD L., Cambridge, Biochemistry.
CHIN, GILBERT Y., Boston, Engineering.
DEBETZ, JAMES J., Cambridge, Anthropology.
DUREN, PETER L., Cambridge, Mathematics.

ELLETT, MILDRED H., Boston, General Biology.

FRAIZE, WILLARD E., Waltham, Engineering.

GRANT, WALTER J., Lawrence, Physics.

HAKES, DAVID T., Wilbraham, Psychology.

HOBBIE, RUSSELL K., Cambridge, Physics.

IMPINK, ALBERT J., Jr., Watertown, Engineering.

MCQUARRIE, DONALD A., Lowell, Chemistry.

MELOY, THOMAS P., Brookline, Engineering.

MESSER, MELANIE B., Revere, General Biology.

MILLER, MARY B., Watertown, Philosophy of Science.

PASTERCZYK, FRANCIS W., Chicopee Falls, Engineering.

PLOCKE, DONALD J., S.J., Boston, Biophysics.

REITZEL, JOHN S., Cambridge, Earth Sciences.

SANDERSON, RICHARD B., Jr., Cambridge, Physics.

SIBLEY, MURRAY J., Malden, Chemistry.

SWENEY, EDWARD F., Tewksbury, General Biology.

YEGIAN, CHARLES D., Amherst, Physics.

Postdoctoral

HOLM, RICHARD H., Falmouth, Chemistry.

LANGFORD, COOPER H., Holyoke, Chemistry.

MILBURN, RICHARD H., Cambridge, Physics.

OFENGAND, EDWARD J., Taunton, Biochemistry.

PALAIS, RICHARD S., Brookline, Mathematics.

ROBINSON, ALLAN R., Marblehead, Earth Sciences.

Senior Postdoctoral

COHEN, I. BERNARD, Cambridge, History of Science.

GIMBATUS, MARIJA, Boston, Anthropology.

GOLDEN, SIDNEY, Lexington, Chemistry.

JEANLOZ, ROGER W., Newton, Biochemistry.

Science Faculty

CARITO, WILLIAM A., Watertown, Mathematics.

CLARKSON, JAMES A., West Medford, Mathematics.

COGHLAN, ANNE E., Milton, Microbiology.

CROOKER, BENJAMIN C., Jr., Amherst, Physics.

EPSTEIN, HERMAN T., Waltham, Biophysics.

GOLDSTEIN, MOISE H., Jr., Belmont, Engineering.

GREENWOOD, FRED L., Medford, Chemistry.

HILBERTY, FRANK J., Bridgewater, General Biology.

HOLTON, GERALD J., Lexington, Physics.

KEFFE, Sr. MARY, Boston, Zoology.

O'BYRNE, JOSEPH M., Amherst, Engineering.

WEINSTEIN, ROY, Lexington, Physics.

WILSON, LOUISE P., Wellesley, Biochemistry.

Summer Fellowships for Graduate Teaching Assistants

BACH, MARILYN L., Boston, Biochemistry.

BLACK, CRAIG C., Cambridge, Zoology.

BRACE, C. LORING, Cambridge, Anthropology.

BURKE, EILEEN E., Lawrence, Chemistry.

DEVELIS, JOHN E., Somerville, Physics.

ENGLISH, PAUL W., Worcester, Geography.

FORD, DWAIN L., Lancaster, Biochemistry.

HAGOPIAN, ELAINE C., Cambridge, Anthropology.

HAKES, DAVID T., Wilbraham, Psychology.

HALL, JOHN S., Westfield, Zoology.

HOBBIE, RUSSELL K., Cambridge, Physics.

KARNOPP, DEAN C., Cambridge, Engineering.
LIBERA, RICHARD J., Thorndike, Mathematics.

MOSKOWITZ, JULES W., Boston, Chemistry.

MOSTOFKY, DAVID I., Roxbury, Psychology.

OLVER, JOHN W., Cambridge, Chemistry.

PAQUETTE, LEO A., Cambridge, Chemistry.

SARGENT, THEODORE D., Peabody, Zoology.

SCHNEIDER, WILLIAM A., Watertown, Earth Sciences.

VANDEN HEUVEL, WILLIAM, Harwich, Chemistry.

VOLKMAN, FRANCES C., South Hadley, Psychology.

WIRKKALA, ROBERT A., Baldwinville, Chemistry.

Summer Fellowships for Secondary School Teachers

ANDRUS, FELIX W., Haverhill, Physics.

ANGELLI, Sr. MARY CABRINI, C.S.J., Brookline, General Biology.

BURKE, GEORGE W., Jr., Quincy, Mathematics.

CURRAN, JAMES M., Springfield, General Biology.

GATES, DAVID A., Orleans, Zoology.

LANDRY, JEROME R., Northampton, Mathematics.

MACALOUSKI, Sr. MARY CYRILLE, Milton, Mathematics.

MIKULA, THOMAS M., Andover, Mathematics.

SCHICKEL, Mother RUTH M., Newton, Mathematics.

SPILLANE, TIMOTHY J., Hyde Park, General Science.

WELD, PHILIP B., Andover, Chemistry.

MICHIGAN

Graduate

BACHMANN, ROGER W., Ann Arbor, Zoology.

BICKEL, THOMAS F., Detroit, Mathematics.

BOUWSMA, WARD D., Grand Rapids, Mathematics.

BROWN, ROBERT T., Milan, Physics.

BUTCHER, SAMUEL S., Gaylord, Chemistry.

CLOSSON, WILLIAM D., Pontiac, Chemistry.

CONLEY, CHARLES C., Royal Oak, Mathematics.

DAVENPORT, RICHARD, Battle Creek, Biology.

DAVIES, HAROLD W., East Lansing, Botany.

DIETERLE, CAROLINE, Ann Arbor, Botany.

DOMINIAK, KENNETH E., Ann Arbor, Engineering.

EDMONDS, KATHERYN, Kalamazoo, Chemistry.

FISCHER, PATRICK C., Ann Arbor, Mathematics.

GARWOOD, DONALD C., Cassopolis, Chemistry.

GEBBEN, ALAN I., Grand Rapids, Botany.

HAMELANK, RONALD C., Holland, Mathematics.

HARGER, ROBERT O., Midland, Engineering.

JORDAN, TRUMAN H., Saline, Chemistry.

KESSLER, DAVID P., Ann Arbor, Engineering.

KNOLL, GLENN F., Frankenmuth, Engineering.

LAZAROV, CONNER, Detroit, Mathematics.

LILLYA, CLIFFORD P., Ann Arbor, Chemistry.

LITWIN, GEORGE, Detroit, Psychology.

MATWIXOFF, NICHOLAS A., Rogers City, Chemistry.

MCBRIDE, DAVID W., Dearborn, Chemistry.

MILLER, DAVID C., East Lansing, Engineering.

MITCHELL, LAWRENCE C., Ann Arbor, Chemistry.

NELSON, FREDERIC F., Grand Rapids, Chemistry.

OWENS, JAMES C., Grosse Pointe, Physics.
PORTER, WILLIAM A., South Haven, Engineering.
POUTSMA, MARVIN L., Grand Rapids, Chemistry.
ROBERTSON, WAYNE M., Fremont, Engineering.
ROSS, DAVID W., Detroit, Physics.
RUSKIN, ARNOLD M., Ann Arbor, Engineering.
SANDEL, VERNON, L'Anse, Chemistry.
SCHRIEBER, THOMAS J., Muskegon, Engineering.
SMITH, GENE E., Morenci, Engineering.
SPIEGELMAN, PHILLIP P., Ann Arbor, Engineering.
STENGER, ROBERT A., Midland, Chemistry.
STREET, JAMES R., Detroit, Engineering.
TREADO, PAUL A., Kingsford, Physics.
VALENTINE, JO ANNE, Clarkston, Zoology.
WIDEMAN, JAMES M., Detroit, Medical Sciences.
WILLIAMS, JOHN A., Dearborn, Astronomy.
WISER, NATHAN, Detroit, Physics.
ZIER, ROBERT E., Detroit, Physics.

Cooperative Graduate

ALLEBERTON, SAMUEL E., Kalamazoo, Biochemistry.
BARRY, RUSSELL F., Bath, Engineering.
BECK, JONATHAN M., Lansing, Mathematics.
BENKARD, J. PHILIP, Ann Arbor, Mathematics.
BETZ, ROBERT S., Huntington Woods, Mathematics.
BRAKE, JON M., Livonia, Biochemistry.
BOYD, JOHN W., East Lansing, Physics.
BROCKMEIER, RICHARD T., Grand Rapids, Physics.
CARLTON, BRUCE C., East Lansing, Agriculture.
CLIFFORD, L. THOMAS, Farmington, Psychology.
CURTIS, SARAH L., Ann Arbor, Psychology.
DUNLAP, ROBERT W., Farmington, Engineering.
FARRAND, WILLIAM R., Ann Arbor, Earth Sciences.
FINNEY, ROSS L., Ann Arbor, Mathematics.
GREENMAN, DAVID L., Williamston, Zoology.
GULLAHORN, JEANNE E., East Lansing, Psychology.
HOUTMAN, JACK A., Kalamazoo, Engineering.
HUNT, ROBERT H., Ann Arbor, Physics.
JACKSON, ANNE-LOUISE, Ann Arbor, Microbiology.
JULIAN, JAMES W., Gladwin, Psychology.
KAPLAN, STEPHEN, Ann Arbor, Psychology.
KAUFFMAN, ERLE G., Ann Arbor, Earth Sciences.
KLANDERMAN, BRUCE H., Grand Rapids, Chemistry.
KUZMA, DENNIS C., Lincoln Park, Engineering.
LA POINTE, CLAYTON W., Detroit, Engineering.
MCKNIGHT, LEE G., Ann Arbor, Chemistry.
MINNE, RONN N., Menominee, Chemistry.
MOOS, HENRY W., Ann Arbor, Physics.
PARKER, JAMES E., East Lansing, Physics.
PATTERSON, DONALD J., Birmingham, Engineering.
PETERSON, RUTH A., Frankfort, Chemistry.
PETRULOVICH, ADAM, Jr., Detroit, Earth Sciences.
PLOURDE, GAIL R., Norway, Chemistry.

RICHARDSON, ROBERT W., Grosse Pointe, Physics.
SANFORD, THOMAS A., Milford, Engineering.
SCHOENHALS, ROBERT J., Ypsilanti, Engineering.
SCHREIBER, CHARLES L., Warren, Physics.
SCHUMACHER, CLIFFORD R., Detroit, Physics.
SCHWARTZ, ARTHUR J., Detroit, Mathematics.
SHETLER, STANWYN G., Ann Arbor, Botany.
SILBAR, RICHARD R., Fenton, Physics.
SMITH, GLEN C., Morenci, Engineering.
SOMMERFELD, JUDE T., Ann Arbor, Engineering.
STODDARD, JAMES H., Ann Arbor, Mathematics.
SUMMERFIELD, GEORGE C., Detroit, Physics.
SUND, RAYMOND E., Dearborn, Physics.
TRANHAM, BOBBIE J., East Lansing, Engineering.
WAKELEY, JOHN H., East Lansing, Psychology.
WOLSEY, WAYNE C., Battle Creek, Chemistry.
YELEN, DONALD R., Dearborn, Psychology.
ZERRA, ROSE D., Ferndale, Psychology.

Postdoctoral

BLATT, FRANK J., Haslett, Physics.
VIDAVER, GEORGE A., Detroit, Biochemistry.

Senior Postdoctoral

CHRISTENSEN, JAMES B., Detroit, Anthropology.
SUSSMAN, ALFRED S., Ann Arbor, Botany.
YIH, CHIA-SHUN, Ann Arbor, Engineering.

Science Faculty

BRADLEY, GEORGE E., Kalamazoo, Physics.
FENNELL, RICHARD A., Okemos, Medical Science.
FUTRAL, SAMUEL M., Jr., East Lansing, Engineering.
MARKLE, GERALD E., Detroit, Mathematics.
RATNER, STANLEY C., Haslett, Psychology.
REID, RICHARD J., Lansing, Engineering.
SAUNDERS, KENNETH W., Weldman, Physics.
SMITH, HADLEY J., Ann Arbor, Engineering.
THORSON, PHILIP J., East Lansing, Engineering.
VANDER LUGT, LEONARD A., Grand Rapids, Chemistry.
WOLTHUIS, ENNO, Grand Rapids, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

ALLARD, MARVEL J., Grosse Pointe, Psychology.
BASS, JON D., Midland, Chemistry.
BORCHERTS, ROBERT H., Detroit, Engineering.
CALDWELL, JAY S., Ann Arbor, Psychology.
DEAL, ERVIN R., Ann Arbor, Mathematics.
DE VRIES, DONALD L., Zeeland, Chemistry.
EPEL, DAVID, Detroit, Zoology.
FINNEY, ROSS L., Ann Arbor, Mathematics.
GORDON, GILBERT, East Lansing, Chemistry.
HAWLEY, ARTHUR J., Whitmore Lake, Geography.
HEIMBRACH, CLINTON L., Ann Arbor, Engineering.
HEMINGWAY, PETER W., Lansing, Psychology.
HUVER, CHARLES W., Battle Creek, Zoology.
JACOBS, GERALD D., East Lansing, Chemistry.
LANG, JOSEPH J., Okemos, Engineering.
LESNOY, SELIG D., Ann Arbor, Econometrics.
MOHRIG, JERRY R., Grand Rapids, Chemistry.

MOORE, RODERICK K., St. Charles, Earth Sciences.

PAYLEY, RICHARD F., Detroit, Mathematics.
RASMUSSEN, DAVID I., Ann Arbor, Zoology.
RAUTIOLA, CLIFTON A., Ann Arbor, Medical Sciences.

RAZNIAK, STEPHEN L., Livonia, Chemistry.
SMITH, HARRY A., Grand Rapids, Chemistry.
STAFFORD, STEWARD L., Jackson, Chemistry.
STEINMETZ, CHARLES, JR., Ann Arbor, Zoology.

STODDARD, JAMES H., Ann Arbor, Mathematics.

SZCZARBA, ROBERT H., Dearborn, Mathematics.

WAKELEY, JOHN H., East Lansing, Psychology.

WHITE, BRUCE S., East Lansing, Engineering.

WIRTH, JOHN L., Three Oaks, Engineering.
WOZNICK, BENJAMIN J., Grand Rapids, Physics.

Summer Fellowships for Secondary School Teachers

BEACH, WILLIAM E., Alpena, Mathematics.
BEDOR, JAMES D., Oak Park, General Science.

BIES, Sr. MARY BONAVIDA, Detroit, Chemistry.

BLASYK, EDWIN A., Detroit, Physics.
DUNWOODIE, JOHN W., Detroit, Mathematics.
ENGEL, Sr. VITA MARIE, I.H.M., Detroit, Physics.

FLANNERY, Sr. MARY JANE, O.P., Saginaw, General Biology.

GRAPEB, EDWARD H., East Lansing, Zoology.
HARBOLD, JOHN P., Midland, General Biology.

HOLMAN, PAUL C., Flint, General Science.
HOYT, GEORGE W., Brown City, Mathematics.
HYMAN, RICHARD S., Utica, Physics.

JONES, HAROLD M., Kalamazoo, General Science.

KANE, Mother EVELYN ELIZABETH, Bloomfield Hills, Mathematics.

KULLBERG, RUSSELL G., Flint, General Biology.

LANIGAN, CHARLES F., Midland, General Science.

LEHTO, PAUL N., Hancock, Mathematics.

MCNAMARA, PATRICK J., Detroit, Physics.

MENNINGA, CLARENCE, Grand Rapids, Mathematics.

MERCER, ALEXANDER R., Detroit, Zoology.

MURASKI, VIRGINIA S., Grand Rapids, General Science.

NORTHROP, RICHARD H., Spring Lake, General Biology.

PASLAY, LUCILLE A., Birmingham, Botany.

POTRUDE, WILMA W., Oak Park, General Biology.

SNOW, ROBERT E., Sturgis, Mathematics.

SOUCY, ROGER F., Detroit, Mathematics.

ST. AUBIN, NORMAN G., Detroit, Mathematics.

SUN, Sr. M. AGNES JOSEPH, Monroe, Chemistry.

VAUGHAN, THOMAS J., Midland, General Science.

VON STEIGER, Sr. ANNE AGNES, Marquette, Mathematics.

VREUGINK, ELMER H., Grand Rapids, Mathematics.

ZURAKOWSKI, PAUL R., Mt. Clemens, Chemistry.

MINNESOTA

Graduate

ANDERSON, ROBERTA K., Carlton, Microbiology.

BRETHOWER, DALE M., Nevis, Psychology.
BURNS, RAND H., Minneapolis, Chemistry.
CARLSON, BRUCE M., Minneapolis, Zoology.
CULBERT, T. PATRICK, Minneapolis, Anthropology.

GALVIN, FRED, St. Paul, Mathematics.
GUTTMAN, BURTON S., Minneapolis, Zoology.
HAAKE, PAUL C., Winona, Chemistry.

KIRCHNER, ROGER B., Edina, Mathematics.
MOFFET, ALAN T., Rochester, Astronomy.

MUELLER, AUGUST, Mahanomen, Microbiology.
OLSON, EDWIN S., Cannon Falls, Chemistry.
OSTBY, MARNOLD, Jr., McIntosh, Mathematics.

OSTERCAMP, DARYL LEE, Minneapolis, Chemistry.

PASS, THEODORE, Minneapolis, Physics.
RADLOFF, LENORE S., Minneapolis, Psychology.

SPAETH, ROBERT L., Foley, Physics.
SPANGLER, JOHN D., Atwater, Physics.
THURNAUER, PETER, St. Paul, Physics.

TORGERSON, RONALD, Minneapolis, Physics.
WALL, ROBERT E., St. Paul, Earth Sciences.
WHITE, ROSCOE, Minneapolis, Physics.

WILDER, STEPHEN P., Minneapolis, Engineering.

WILLETT, ROGER D., Northfield, Chemistry.
YOUNGQUIST, MARY J., Balaton, Chemistry.

Cooperative Graduate

ADAMS, ROBERT D., St. Paul, Mathematics.
CAMPBELL, DAVID P., Minneapolis, Psychology.

CONE, RICHARD A., St. Paul, Astronomy.
D'ANDREA, JOANNE M., Keewatin, Psychology.

DAWES, CLINTON J., Jr., Robbinsdale, Botany.

DUSSERE, PAUL L., Moorhead, Mathematics.
FISKE, TIMOTHY, Long Lake, Genetics.
FRISTEDT, BERT E., Hopkins, Mathematics.

GROSS, LINDA A., Minneapolis, History of Science.

HEDIN, ALAN E., St. Paul, Physics.
HELLING, JOHN F., Madella, Chemistry.
HELLING, ROBERT B., Madella, Genetics.

JOHNSON, WILLIAM W., Minneapolis, Genetics.

KLAIMON, JEROLD H., St. Louis Park, Engineering.

MAHER, LOUIS J., Jr., Minneapolis, Earth Sciences.

MULLIN, ROBERT, St. Paul, Genetics.
NORDLIE, FRANK G., New London, Zoology.
OAKES, ROBERT J., Minneapolis, Physics.

ORIEL, PATRICK J., Stillwater, Chemistry.
RICHARDS, J. IAN, St. Paul, Mathematics.
RIES, RICHARD R., New Ulm, Physics.

SCHOENIKE, ROLAND E., Winona, Agriculture.

SCHULTZ, GERALD E., Minneapolis, Earth Sciences.

SWEDBERG, KENNETH C., Pillager, Botany.
VISTE, ARLEN E., Austin, Chemistry.

WALSTEDT, RUSSELL E., Mound, Physics.
WARMING, ROBERT F., Minneapolis, Engineering.

WINSTON, DONALD, II, Minneapolis, Earth Sciences.

YAPEL, ANTHONY F., Jr., Soudan, Chemistry.

Postdoctoral

ANDERSON, KINSEY A., Preston, Physics.

Senior Postdoctoral

STORCKELER, JOSEPH H., St. Paul, Agriculture.

HINTZ, MORTON M., Minneapolis, Physics.

LUMRY, RUFUS W., Minneapolis, Biochemistry.

STEPHENS, GROVER C., Minneapolis, Zoology.

Science Faculty

ALDERS, CLARENCE D., Mankato, Mathematics.

ANDERSON, ROWLAND C., St. Cloud, Mathematics.

BRADEN, CHARLES M., Minneapolis, Mathematics.

KLEINHENZ, WILLIAM A., Minneapolis, Engineering.

LARSON, SIDNEY C., Minneapolis, Engineering.

LINDGREN, BERNARD W., Minneapolis, Mathematics.

VAN DYKE, HENRY, Northfield, Microbiology.

Summer Fellowships for Graduate Teaching Assistants

AUNE, BRUCE A., Minneapolis, Philosophy of Science.

BRANDT, JAMES A., Minneapolis, Engineering.

BRIGGS, DAVID G., St. Paul, Engineering.

CAMPBELL, DAVID P., Minneapolis, Psychology.

HELLING, ROBERT B., Madella, Genetics.

HUMPAL, EDWIN F., Jr., Virginia, Engineering.

JOHNSON, DONALD C., St. Paul, Chemistry.

JOHNSON, WILLIAM W., Minneapolis, Genetics.

JONES, DUANE A., Northfield, Chemistry.

LARSON, OMER R., Pencer, Zoology.

MANCUSO, JOSEPH J., Hibbing, Earth Sciences.

MARKUS, NEIL A., St. Paul, Geography.

NORDLIE, FRANK G., New London, Zoology.

FLORDE, DONALD E., Fairmont, Chemistry.

ROSENWINKEL, EARL R., St. Paul, Botany.

SCHALEGER, LARRY L., Minneapolis, Chemistry.

SOUTHWICK, DAVID L., Rochester, Earth Sciences.

SWATEZ, GERALD M., Minneapolis, Psychology.

YOUNGQUIST, GORDON R., Biwabik, Engineering.

Summer Fellowships for Secondary School Teachers

ACQUARD, RICHARD H., Lynd, Mathematics.

ANGLIN, JOHN B., Alexandria, Mathematics.

BERNARD, ELMER A., Duluth, Mathematics.

CARLSON, CALVIN R., Perham, Chemistry.

DYE, DAVID L., Bemidji, Mathematics.

EASTER, GEORGE R., Canby, Chemistry.

FINCO, ARTHUR A., Coleraine, Mathematics.

SVERDRUP, GEORGE M., Minneapolis, Physics.

WARREN, MURRAY L., Crookston, Chemistry.

MISSISSIPPI

Graduate

CERNY, JOSEPH, III, University, Chemistry.

CLIBURN, J. WILLIAM, Hattiesburg, Zoology.

CROW, TERRY T., Amory, Physics.

DAVIS, JAMES E., State College, Chemistry.

Cooperative Graduate

BUNTIN, ROBERT R., Gulfport, Engineering.
GILMER, ROBERT W., Jr., Pontotoc, Mathematics.

LESTER, ANNE, Inverness, Mathematics.

WEIDIE, ALFRED E., Jr., Pascagoula, Earth Sciences.

Postdoctoral

MANGUM, BILLY W., Mize, Chemistry.

STOREY, CHARLES R., Jr., Gulfport, Mathematics.

THOMPSON, GUY A., Jr., Rosedale, Biochemistry.

Science Faculty

CAPLENOR, CHARLES D., Jackson, Botany.

CLISBY, MARION B., Starkville, Engineering.

MOAK, JAMES E., State College, Agriculture.

Summer Fellowships for Graduate Teaching Assistant

HOWELL, JOHN F., Magnolia, Zoology.

KING, ROBERT D., Hattiesburg, Mathematics.

Summer Fellowships for Secondary School Teachers

ALEXANDER, KATHERINE, Laurel, Chemistry.

HULL, HENRY C., Cleveland, Chemistry.

LANGFORD, TED G., Redwood, General Science.

PATTON, GEORGE G., Jr., Jackson, Physics.

MISSOURI

Graduate

ALT, DAVID, Kirkwood, Earth Sciences.

BIBDSALL, WILLIAM, S.J., St. Louis, Mathematical Economics.

BLACKBURN, THOMAS R., Webster Groves, Chemistry.

COPPOLA, PATRICIA T., Richmond Heights, Zoology.

CUSHING, EDWARD J., Steelville, Earth Sciences.

DREITLEIN, JOSEPH F., Ferguson, Physics.

ELSON, ELLIOT, Ladue, Biochemistry.

FOX, Sr. ALICE MARIE, B.V.M., St. Louis, Zoology.

HARTING, GARY L., Kirkwood, Engineering.

KENOYER, Sr., MARIE FRANCIS, Webster Groves, Psychology.

MIDGLEY, JAMES E., Kansas City, Physics.

NAUMAN, EDWARD B., Kansas City, Engineering.

PALMER, THEODORE W., Webb City, Mathematics.

PARKHURST, LAWRENCE J., Kansas City, Chemistry.

PRATT, RICHARD L., Jefferson City, Mathematics.

REGAN, GERALD T., St. Louis, General Biology.

RODABAUGH, DAVID, Kansas City, Mathematics.

ROTE, RICHARD F., St. Louis, Physics.

SAIN, MICHAEL K., St. Louis, Engineering.

SCHAEFFER, KATHERINE, Clayton, Earth Sciences.

SLOAN, MARTIN F., University City, Chemistry.

Cooperative Graduate

ANDALAFTE, EDWARD Z., Springfield, Mathematics.

BARNETT, DONALD L., Hannibal, Mathematics.

BORISON, SIDNEY L., St. Joseph, Physics.

BROWN, LARRY N., Springfield, Zoology.
 CANTWELL, JOHN C., St. Louis, Mathematics.
 CARVBE, ROBERT E., Columbia, Earth Sciences.
 CONDON, JOSEPH H., St. Louis, Physics.
 CONDON, PAUL E., St. Louis, Physics.
 CRISTAL, EDWARD G., University City, Engineering.
 FREESE, RAYMOND W., Columbia, Mathematics.
 GAINES, JAMES R., St. Louis, Physics.
 GAILKER, CHARLES D., Kingston, Physics.
 GLASCOCK, HOMER H., Jr., Hannibal, Physics.
 HAGEN, DAVID C., St. Louis, Engineering.
 HARBECK, HARRY E., Rolla, Engineering.
 HARMONY, MARLIN D., Kansas City, Chemistry.
 HORTON, H. ROBERT, Rolla, Biochemistry.
 JACKSON, ELTON F., St. Louis, Sociology.
 KRONE, WILLIAM J., Ferguson, Engineering.
 LICHT, PAUL, St. Louis, Zoology.
 MEIER, KARL L., St. Louis, Engineering.
 MULLIN, WILLIAM J., Brentwood, Physics.
 NEGEN, JOHN W., Independence, Chemistry.
 NOELKEN, MILTON E., St. Louis, Chemistry.
 REEVES, BARRY L., St. Louis, Engineering.
 SATER, VERNON E., Kansas City, Engineering.
 SHIELDS, JIM L., Columbia, Medical Sciences.
 SMITH, LEWIS P., St. Louis, Physics.
 ZEY, ROBERT L., St. Clair, Chemistry.

Postdoctoral

SHER, ARDEN, Clayton, Physics.

Senior Postdoctoral

SARD, ROBERT D., St. Louis, Physics.

Science Faculty

BLACK, JOHN D., Kirksville, Zoology.
 DOWNS, THOMAS L., St. Louis, Mathematics.
 GINGRICH, NEWELL S., Columbia, Physics.
 HILTON, WALLACE A., Liberty, Physics.
 MCCABE, WILLIAM M., University City, Engineering.
 SMITH, SR. ALONZA, Webster Groves, Chemistry.
 WRIGHT, LUCILLE, Springfield, Medical Sciences.

Summer Fellowships for Graduate Teaching Assistants

ANDALASTE, EDWARD Z., Springfield, Mathematics.
 BELL, RONDALL E., Kennett, Biochemistry.
 BEST, WILLIAM V., Brunswick, Chemistry.
 EIGEL, EDWIN G., Jr., St. Louis, Mathematics.
 FREESE, RAYMOND W., Columbia, Mathematics.
 KUEST, LOUIS J., Jr., Hazelwood, Earth Sciences.
 LADINSKY, JACK, St. Louis, Sociology.
 MUMMA, MARTIN D., Columbia, Earth Sciences.
 PUTNEY, RICHARD T., Columbia, Psychology.
 SHIELDS, JIM L., Columbia, Medical Sciences.
 RECHTIEN, RICHARD D., St. Louis, Earth Sciences.

Summer Fellowships for Secondary School Teachers

BARRATT, GEORGE W., Hickman Mills, Mathematics.
 BECKER, HENRY, St. Louis, General Biology.
 BOERCKER, FRED D., Clayton, Physics.

BOYD, FREDERICK K., Webster Groves, Chemistry.
 CONNELL, SR. MARY ST. JAMES, C.S.J., St. Louis, General Biology.
 DANUSER, ELMER W., Hermann, Mathematics.
 DIX, RICHARD J., S.M., St. Louis, Microbiology.
 FAST, KENNETH V., St. Louis, Chemistry.
 HALL, WALTER B., Seymour, General Science.
 HANICK, EMMET J., St. Louis, Physics.
 HARTMAN, BERNARD W., Boonville, Chemistry.
 HEADLEE, ELMER W., Kirkwood, Chemistry.
 KELLER, SR. MARY FREDERICK, Cape Girardeau, Physics.
 MCINTOSH, ROY, Atchison County, Chemistry.
 MEADOWS, ROY W., St. Louis, Mathematics.
 RINK, SR. MARY MICHAELA, B.V.M., St. Louis, General Biology.
 ROE, BRO. L. CHARLES, F.S.C., St. Louis, Physics.
 RYKOWSKI, EDWARD V., Springfield, Mathematics.
 WEICHINGER, THEODORE, JR., Maryville, Physics.

MONTANA

Graduate

KEMP, DANIEL S., Missoula, Chemistry.
 MORTON, THOMAS E., Great Falls, Mathematics.
 WOODWARD, LEE A., Missoula, Earth Sciences.

Cooperative Graduate

HEANEY, DAVID P., McAllister, Agriculture.
 MITCHELL, WILLIAM W., Rounduin, Botany.
 SWENSON, ROBERT J., Bozeman, Physics.

Senior Postdoctoral

WRIGHT, JOHN C., Bozeman, General Biology.

Science Faculty

HANES, N. BRUCE, Bozeman, Engineering.
 KEIGHTLEY, WILLARD O., Bozeman, Engineering.
 UHLRICH, PAUL E., Bozeman, Engineering.

Summer Fellowships for Graduate Teaching Assistants

EVENSON, KENNETH M., Bozeman, Physics.
 SWENSON, ROBERT J., Bozeman, Physics.

Summer Fellowships for Secondary School Teachers

BOULET, E. RITA, Lewistown, Chemistry.
 HOLLAND, SR. MARY MICHELLE, Missoula, Chemistry.
 LIVERS, JAMES H., Whitefish, Mathematics.
 MONROE, KENNETH E., Bozeman, Mathematics.
 MYERS, BERNARD D., Billings, Mathematics.
 MYSHAK, ST. MARIE PAULA, Anaconda, Chemistry.

NEBRASKA

Graduate

ALLINGTON, ROBERT W., Lincoln, Engineering.
 DOMINGO, JOHN J., Weeping Water, Physics.
 HAYES, JOHN B., Omaha, Earth Sciences.
 JONES, NOEL D., Hastings, Chemistry.
 MCARTHUR, DONALD E., Atlanta, Physics.
 MURDOCK, WARREN F., Lincoln, Chemistry.
 SITTLER, O. DAYLE, Martell, Biophysics.
 VAN VLECK, LLOYD D., Clearwater, Agriculture.
 WHEAT, MARY, Hastings, Mathematics.

Cooperative Graduate

BINDER, FRANK H. III, Omaha, Earth Sciences.
CHRISTENSEN, RICHARD M., Miller, Earth Sciences.
CONLEY, CURTIS D., Nebraska City, Earth Sciences.
EBERHART, STEVE A., Bassett, Genetics.
GROSS, MILDRED L., Lincoln, Mathematics.
LANG, WAYNE W., Craig, Physics.
SKOV, CHARLES E., Riverdale, Physics.
STIEHL, JACK G., Hay Springs, Engineering.
SWANSON, JAMES A., Lincoln, Chemistry.

Science Faculty

CLOUTIER, ELMER J., Papillion, Zoology.
HAACK, DONALD C., Lincoln, Engineering.
LEAVITT, WILLIAM G., Lincoln, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

BOHN, S. ELWOOD, Lincoln, Mathematics.
HENZLIK, RAYMOND E., Lincoln, Zoology.
MASCHKE, ALFRED W., Lincoln, Physics.
QUIST, ARVIN S., Blair, Chemistry.

Summer Fellowships for Secondary School Teachers

ACKERSON, PAUL B., Omaha, General Science.
BRANDT, IRVIN C., Norfolk, Chemistry.
BRINEY, RUTH E., Bradshaw, General Biology.
BRYAN, JOHN C., Omaha, Mathematics.
BURESH, JULIA D., Omaha, Chemistry.
BURGER, MABEL M., Fairbury, Mathematics.
DE LANO, CALVIN F., Wilcox, Chemistry.
HINSDALE, GLENN L., Wayne, General Science.
JOHNSON, GEORGE L., Fairbury, General Biology.
PAYNE, HOLLAND I., Scottsbluff, General Biology.
PETERSEN, DAVID, K., Omaha, Astronomy.
RICE, JOHN D., JR., Omaha, Mathematics.
RYAN, SR. M. FINTAN, O.S.F., Omaha, General Biology.

NEVADA

Graduate

CARL, ERNEST A., Reno, Zoology.
SHANKLAND, THOMAS J., Boulder City, Physics.

Summer Fellowships for Graduate Teaching Assistants

WISE, WILLIAM S., Carson City, Earth Sciences.

NEW HAMPSHIRE

Graduate

KING R. BRUCE, Rochester, Chemistry.
ROBINSON, PETER, Hanover, Earth Science.
SHACKFORD, ROLAND F., Durham, Mathematics.

Senior Postdoctoral

KUIVILA, HENRY G., Durham, Chemistry.

Science Faculty

BALER, LENIN A., Durham, Psychology.
SHAFFER, PAUL R., Hanover, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

NORMANDIN, ROBERT F., Laconia, Zoology.

Summer Fellowships for Secondary School Teachers

DAVIS, JOHN D., Exeter, Chemistry.
LEONARD, EDWARD H., Hanover, Chemistry.

NEW JERSEY

Graduate

ANDREWS, PETER B., Tenafly, Mathematics.
BARNERT, NYLES N., West Orange, Mathematics.
BARTH, ROBERT H., Jr., Ridgewood, Zoology.
BASSON, DAVID, Perth Amboy, Engineering.
BRANT, DAVID A., Summit, Chemistry.
BRAULT, JAMES W., Princeton, Physics.
BROWN, W. STANLEY, Princeton, Physics.
BURKE, JAMES A., Andover, Physics.
CALDWELL, DENNIS J., Penns Grove, Chemistry.
CARLSMITH, JAMES M., Summit, Psychology.
COBURN, STEPHEN P., Summit, Biochemistry.
COHAN, MORTON D., Bayonne, Engineering.
DARLINGTON, RICHARD B., Woodstown, Psychology.
DAVIS, BRIAN T. C., Summit, Earth Sciences.
D'HEBENE, ROBERT N., New Vernon, Mathematics.
FEIT, SIDNIE, Princeton, Mathematics.
FRENCH, BEVAN M., Nutley, Earth Sciences.
GILES, WILLIAM B., Newark, Mathematics.
GILLE, JOHN C., Teaneck, Earth Science.
GLUCK, HERMAN R., Princeton, Mathematics.
GREENLEAF, NEWCOMB, Short Hills, Mathematics.
HALL, DANIEL N., Princeton, Chemistry.
HAYS, JAMES F., Short Hills, Earth Sciences.
HUBER, DAVID, Toms River, Physics.
JOHNSON, JOSEPH, Jr., Upper Montclair, Mathematics.
JOHNSON, ROBERT P., Ridgefield Park, Chemistry.
KALANTAR, KENNETH, New Brunswick, Chemistry.
KOCH, JOHN F., Oakhurst, Physics.
KOVER, WARNER B., Rochelle Park, Chemistry.
LAIDLAW, WILLIAM J., Fair Lawn, Psychology.
LARSEN, DAVID, Hawthorne, Physics.
LOVELAND, ROBERT E., Camden, Zoology.
MALLAY, JAMES F., Morris Plains, Engineering.
MATHER, WILLIAM B., Jr., Princeton, Chemistry.
MEANS, WINTHROP D., Summit, Earth Sciences.
MENNITT, P. GARY, Bayville, Chemistry.
RICHTER, WAYNE H., Leonia, Mathematics.
RITCHIE, ROBERT W., Princeton, Mathematics.
ROMBERG, BERNHARD W., Clifton, Mathematics.
SANDERS, DAVID, Metuchen, Mathematics.
SCHNITZER, HOWARD J., Newark, Physics.
SILVERS, STUART, South Orange, Biochemistry.
STEARNS, RICHARD E., Westfield, Mathematics.
TRETIAK, OLEH J., Passaic, Engineering.
VAUGHAN, WORTH E., Tenafly, Chemistry.
WALDRON, SIDNEY R., Ringwood, Anthropology.
WESNER, JOHN W., JR., Berkeley Heights, Engineering.

Cooperative Graduate

ARTIN, MICHAEL, Princeton, Mathematics.
BLANCHARD, ANN M., Ramsey, Zoology.

BOHL, ROGER H., Trenton, Engineering.
 BRADEN, ROBERT T., Princeton, Physics.
 BUMBAY, RICHARD T., Princeton, Mathematics.
 CANN, ROSS S., Ridgewood, Earth Sciences.
 CRAWFORD, CHARLES K., South Orange, Engineering.
 CRISBACHER, LOIS, New Brunswick, Chemistry.
 DE HAAN, FRANKLIN P., Midland Park, Chemistry.
 DEINDORFER, FRED H., New Brunswick, Engineering.
 EATON, PHILIP E., Budd Lake, Chemistry.
 FLEISCHER, EVELY B., Livingston, Biochemistry.
 HARDGRAVE, WILLIAM W., Caldwell, Engineering.
 HERSH, REUBEN, Teaneck, Mathematics.
 HEROWITZ, DANIEL H., Atlantic City, Earth Sciences.
 HOWARD, JOHN H., Metuchen, Earth Sciences.
 HULL, DAVID G., Westfield, Engineering.
 HULL, FREDERICK H., Princeton, Engineering.
 JEFFERSON, JAMES W., Westwood, Medical Sciences.
 LITVAK, MARVIN, East Orange, Physics.
 LOEFFLER, LARRY J., Hightstown, Chemistry.
 MARIK, ROBERT H., Westfield, Engineering.
 MASON, HOWARD L., Springfield, Engineering.
 MITZNER, KENNETH M., East Paterson, Engineering.
 PECINA, ROBERT G., Elizabeth, Engineering.
 PEPPER, STEPHEN V., Margate City, Physics.
 PETERSON, ERNEST A., New Brunswick, Psychology.
 POLLAK, FRED H., West Orange, Physics.
 RICHTER, G. PAUL, Plainfield, Chemistry.
 RIEGER, PHILIP H., Teaneck, Chemistry.
 ROSENTHAL, ELI, Newark, Chemistry.
 ROTH, SHIRLEY H., Lakewood, Chemistry.
 STAGAS, JAMES, Palisades Park, Physics.
 SILVESTRI, ANTHONY J., Glassboro, Chemistry.
 STEIGLITZ, KENNETH, West New York, Engineering.
 TURNER, ROBERT E. L., Montclair, Mathematics.
 WALSH, THOMAS E., Kearny, Physics.
 WEISBERG, ROBERT A., Bayonne, Microbiology.
 WIMER, CYNTHIA C., New Brunswick, Psychology.

Postdoctoral

ALBERSHEIM, PETER, Madison, Biochemistry.
 BACHELOR, FRANK W., Carteret, Chemistry.
 BERNSTEIN, JEREMY, Princeton, Physics.
 GREENBERG, OSCAR W., Newark, Physics.
 MENAKER, MICHAEL, Princeton, Zoology.
 MILLER, ALLEN H., New Brunswick, Physics.
 MORIARTY, ROBERT M., Princeton, Chemistry.
 NEUWIRTH, LEE P., Princeton, Mathematics.
 ROBLANSKY, JOHN D., Princeton, Biochemistry.

Senior Postdoctoral

KRUSKAL, MARTIN D., Princeton, Physics.

Science Faculty

BATHO, EDWARD H., Jersey City, Mathematics.
 FABLES, DAVID G., Roselle, Botany.
 LEVY, MARTIN J., Newark, Engineering.
 PAPOULIS, ATHANASIOS, Palisade, Engineering.
 PHILLIPS, JOY B., Morristown, Zoology.
 TAYLOR, EDWARD C., Princeton, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

ABRAHAM, BARBARA W., Madison, Physics.
 ANDER, PAUL, New Brunswick, Chemistry.
 BLANCHARD, ANN M., Ramsey, Zoology.
 BODKIN, RONALD G., Wenonah, Econometrics.
 BRUNO, GERALD A., Little Silver, Medical Sciences.
 CAMPBELL, NEIL C., Teaneck, Engineering.
 CRISBACHER, LOIS, New Brunswick, Chemistry.
 DE FALCO, FRED, New Brunswick, Engineering.
 FASSNACHT, JOHN H., Woodbury Heights, Chemistry.
 FORREST, HELEN F., Upper Montclair, Zoology.
 GIBSON, DANIEL M., JR., Trenton, Engineering.
 GLEASON, ROBERT W., Somerville, Chemistry.
 GREENBERG, EDWARD, West New York, Economics.
 HAIDLE, CHARLES W., Annandale, Microbiology.
 HAINES, DONALD B., Mount Holly, Psychology.
 HULL, FREDERICK H., Princeton, Engineering.
 ILLINGER, KARL H., West Orange, Chemistry.
 KERR, JOHN P., Nutley, Zoology.
 KLEINFELTER, DONALD C., Princeton, Chemistry.
 KOWAL, NORMAN E., Rochelle Park, Botany.
 LLOYD, JAMES N., Dover, Physics.
 MCHAFFEY, RONALD A., New Brunswick, Mathematics.
 MOLNAR, DONNA A., Woodbridge, Biochemistry.
 MUTCH, THOMAS A., Princeton, Earth Sciences.
 ORNA, MARY V., Nutley, Chemistry.
 ORTH, GERTRUDE M., Passaic, Biochemistry.
 PERRY, CLARK W., Ridgefield, Chemistry.
 POWER, JOHN L., Short Hills, Chemistry.
 SCHMIDT, RICHARD A., Roselle Park, Earth Sciences.
 WIMER, CYNTHIA C., New Brunswick, Psychology.

Summer Fellowships for Secondary School Teachers

BORST, KENNETH E., Leonia, Chemistry.
 BUSCEMI, THOMAS V., Clayton, Mathematics.
 CLEVELAND, RAY W., Rahway, Mathematics.
 CONBOY, ST. REGINA CORDIS, S.C., Westfield, Physics.
 DIMONT, JULIUS, Jersey City, General Biology.
 KUTNER, PHILIP, Bergen County, Earth Sciences.
 MAGID, EMANUEL, Newark, Mathematics.
 MOLL, Sr. M. JULIANA, O.S.B., Elizabeth, Mathematics.
 PAPARELLO, FRANK N., Montclair, Zoology.
 RODDY, JACQUELINE A., Long Branch, General Biology.
 SHAFFREY, Sr. MARY GERMAINE, Fort Lee, Mathematics.

NEW MEXICO

Graduate

DIEBOLD, ROBERT E., Los Lunas, Physics.
 HARRIS, ARTHUR H., Albuquerque, Zoology.
 WALSH, JOSEPH M., Santa Fe, Biochemistry.

Cooperative Graduate

PIERCE, ALLAN D., Las Cruces, Physics.
 TAYLOR, JOHN F., Albuquerque, Engineering.

Senior Postdoctoral

KUILLMER, FREDERICK J., Socorro, Earth Sciences.

Science Faculty

JANZA, FRANK J., Albuquerque, Engineering.

Summer Fellowships for Graduate Teaching Assistants

POORBAUGH, JOHN H., Roswell, Zoology.

WIDDISON, JEROLD G., Albuquerque, Geography.

Summer Fellowships for Secondary School Teachers

BARKER, LEWIS L., Hobbs, Physics.

COOPER, JOHN R., Jal, Mathematics.

HIGGINS, M. LOUISE, Tucumcari, Botany.

MOSES, ANDREW D., Corona, General Science.

NEAL, RICHARD W., Albuquerque, General Biology.

ROZEMA, WESLEY J., Zuni, Mathematics.

NEW YORK

Graduate

ALFF, CYNTHIA, Long Island City, Physics.
ANDERSON, CHARLES H., Briarcliff Manor, Physics.

ARNUSH, DONALD, New York, Physics.

BARAFF, GENE A., Elmhurst, Physics.

BARTLETT, DAVID F., New York, Physics.

BATTERMAN, STEVEN C., Brooklyn, Engineering.

BAUER, VICTOR J., White Plains, Chemistry.

BAUM, PAUL F., New York, Mathematics.

BECK, BERNARD, Bronx, Quantitative Sociology.

BERNICE, RONALD J., Buffalo, Mathematics.

BERSON, MALCOLM, New York, Chemistry.

BIENENSTOCK, ARTHUR, New York, Physics.

BLACK, FISCHER S., Jr., Bronxville, Physics.

BLATT, JOEL, Beechhurst, Physics.

BLOOM, DAVID M., New York, Mathematics.

BOIKISS, ROBERT S., Brooklyn, Chemistry.

BOYLAN, EDWARD S., New York, Mathematics.

BRAY, RICHARD C., New York, Biochemistry.

BUHRER, CARL F., Hempstead, Chemistry.

BUTENSKY, MARTIN, Brooklyn, Engineering.

CARROLL, ALAN S., Rochester, Physics.

CASEY, KENNETH, Jackson Heights, Mathematics.

CATANIA, A. CHARLES, New York, Psychology.

CHASE, STEPHEN U., New York, Mathematics.

COHEN, H. DANIEL, Larchmont, Physics.

COHEN, JULIA, Larchmont, Zoology.

COHEN, NATALIE S., Floral Park, Medical Sciences.

COMLY, JAMES B., Bayside, Engineering.

CONSIDINE, JAMES P., New York, Chemistry.

COOK, DAVID M., Troy, Physics.

DAVIS, PERCIVAL W., Jr., Port Washington, Zoology.

DAWSON, ROBERT L., Rochester, Chemistry.

DJORUP, FRANS M., Jr., Ithaca, Mathematics.

DOBBINS, ROBERT R., S.J., Shrub Oak, Physics.

DOSTIS, IRVING, Brooklyn, Engineering.

DOUGHERTY, HARRY W., Brooklyn, Biochemistry.

DWORIN, LOWELL, Brooklyn, Physics.

EICHBERG, JOSEPH, Jr., Great Neck, Medical Sciences.

EISENBERG, JUDAH M., Forest Hills, Physics.

ENGELS, JOAN, Malverne, Earth Sciences.

FAGAN, JOHN J., New York, Earth Sciences.

FELDMAN, MARTIN, Brooklyn, Physics.

FELDMAN, MARTIN, New York, Chemistry.

FELDMAN, MARVIN, Brooklyn, Engineering.

FERZIGER, JOEL H., Brooklyn, Engineering.

FINE, TERRENCE L., New York, Engineering.

FRANCO, VICTOR, New York, Physics.

FRANKEL, JOSEPH, New York, Zoology.

FREED, JACK, Brooklyn, Chemistry.

FRUCHTBAUM, HAROLD, Brooklyn, History of Science.

FUCHS, NORMAN H., Staten Island, Physics.

GALLANT, JONATHAN A., Mount Vernon, Genetics.

GEORGE, ALBERT R., Jr., Carle Place, Engineering.

GIBSON, EDWARD G., Kenmore, Engineering.

GILBERT, GERALD B., Slaterville Springs, Engineering.

GILBERT, IRA H., Jamaica, Physics.

GINSBERG, EDWARD, New York, Physics.

GOLDBERG, CHARLES, Brooklyn, Mathematics.

GOLDSTEIN, PAUL, Brooklyn, Chemistry.

GOLUB, ROBERT, New York, Engineering.

GRANT, DAVID C., Rockville Centre, Zoology.

GROSS, LUCY M., Williamsville, Chemistry.

GRUHN, RUTH, Cornwall on Hudson, Anthropology.

HAHN, ROGER, Ithaca, History of Science.

HALPERN, ALVIN, Bronx, Physics.

HANDEL, DAVID, Flushing, Mathematics.

HARMAN, MARY E., Brooklyn, Zoology.

HARRINGTON, DAVID R., North Tonawanda, Physics.

HARRIS, CHARLES S., Great Neck, Psychology.

HARTE, KENNETH J., Mount Vernon, Physics.

HERZOG, STANLEY, New York, Engineering.

HILL, CHARLES G., Elmira, Engineering.

HOFF, MARCIAN E., Jr., Rochester, Engineering.

HOLZEMAN, ERIC, Bronx, Zoology.

HORTMANN, ALFRED G., Woodside, Chemistry.

KAHN, DANIEL S., Brooklyn, Mathematics.

KAISER, ROBERT, New York, Engineering.

KARG, GERHART, New York, Chemistry.

KESLER, DIETRICH, Hamilton, Microbiology.

KOENIGMAN, VICTOR, Brooklyn, Physics.

KRAMER, GORDON, Brooklyn, Physics.

KRIEGER, JOSEPH, Brooklyn, Physics.

KRIPKE, BERNARD, Scarsdale, Mathematics.

KUSCH, KATHRYN, New York, Chemistry.

LANDE, ALEXANDER, New York, Physics.

LANDSMAN, EMANUEL, New York, Engineering.

LARCHER, ROBERT H., New York, History of Science.

LARRABEE, ALLAN R., Great Neck, Biochemistry.

LEERMAKERS, PETER, Rochester, Chemistry.

LEIBOWITZ, GERALD, New York, Mathematics.

LEIF, ROBERT C., New York, Biochemistry.

LENT, ARNOLD, New York, Engineering.

LEVIEN, ROGER E., Brooklyn, Engineering.

LEVINE, ISAAC J., New York, Chemistry.

LEVINS, RICHARD, New York, Genetics.

LEVY, JEROME F., Mt. Vernon, Chemistry.

LEVY, PETER M., New York, Engineering.

LEWIS, FRANCIS H., East Aurora, Physics.

LIEBLING, GERALD, Brooklyn, Chemistry.

LOWENTHAL, FRANKLIN, New York, Physics.

MAGID, RONALD, Rego Park, Chemistry.

MARIANO, CHARLES, Long Island City, Physics.

MASTERS, MILLIE, Flushing, Biochemistry.

MAYER, ALAN L., Flushing, Mathematics.

MCCABE, JOHN P., New York, Mathematics.

MCLEOD, DONALD W., Ithaca, Physics.
 MEYER, STUART L., New York, Physics.
 MILLER, WILLIAM H., S.J., Shrub Oak, Physics.
 MITTMAN, CALVIN, Brooklyn, Mathematics.
 MONSKY, PAUL, Queens, Mathematics.
 MYERS, ROBERT A., Mount Vernon, Physics.
 NIBLACK, WALTER K., Buffalo, Physics.
 NILSSON, WILLIAM A., Middlevillage, Chemistry.
 NORDLANDER, J. ERIC, Schenectady, Chemistry.
 NOVIN, DONALD, Brooklyn, Psychology.
 OSOFSKY, ABRAHAM J., Ithaca, Engineering.
 OSOFSKY, BARBARA L., Ithaca, Mathematics.
 PANKIWSKYJ, KOST A., Larchmont, Earth Sciences.
 PHINNEY, ROBERT A., Rochester, Earth Sciences.
 PIERSON, EDWARD S., Syracuse, Engineering.
 PLATEK, WALTER A., Buffalo, Chemistry.
 POULSON, THOMAS L., Manhasset, Zoology.
 RICHER, IRA, New York, Engineering.
 RIND, KENNETH, Brooklyn, Chemistry.
 RINDE, JOHN J., New York, Engineering.
 ROSEN, ALLAN J., New York, Chemistry.
 RUBENFELD, FRANK A., New York, Psychology.
 RUSSIN, BRENDA, Brooklyn, Psychology.
 SACKS, GERALD E., Ithaca, Mathematics.
 SALTHER, STANLEY N., Brooklyn, Zoology.
 SANDY, FRANK, New York, Physics.
 SCADUTO, FLORENCE C., Seaford, Chemistry.
 SCHEELE, GEORGE F., Yonkers, Engineering.
 SCHEINBAUM, MONTE L., Brooklyn, Chemistry.
 SCHILDKRAUT, CARL, Woodmere, Chemistry.
 SCHIEM, EUGENE E., Flushing, Chemistry.
 SCHULT, ROY L., Geneva, Physics.
 SCHULTZ, JONAS, New York, Physics.
 SCHUSTER, DAVID I., Cedarhurst, Chemistry.
 SCHWEITZER, PAUL A., Pelham, Mathematics.
 SEGRE, GINO, Peekskill, Physics.
 SHAKIN, CARL, New York, Physics.
 SHELUPSKY, DAVID I., Brooklyn, Physics.
 SHEPP, LAWRENCE, Brooklyn, Mathematics.
 SILVER, BETTE, New York, Mathematical Economics.
 SMITH, DAVID Y., Schenectady, Physics.
 SNELLGROVE, RICHARD A., Mount Vernon, Chemistry.
 SOCOLOW, ROBERT H., New York, Physics.
 SOVERS, OJARS J., Brooklyn, Chemistry.
 STERNHEIM, MORTON M., New York, Physics.
 STRAUSS, HERBERT L., Kew Gardens, Chemistry.
 STRAUSS, WALTER A., Kew Gardens, Mathematics.
 STURN, ANNA MARIE, Richmond Hill, Genetics.
 SUTHERLAND, IVAN E., Scarsdale, Engineering.
 TANNENBAUM, MICHAEL J., Bronx, Physics.
 TAYLOR, TERLA, New York, Mathematics.
 THOMPSON, PHILIP A., Berlin, Engineering.
 THORNDIKE, EDWARD H., Montrose, Physics.
 TOWELL, DAVID G., Fillmore, Earth Sciences.
 VINCOV, GERSHON, Forest Hills, Chemistry.
 WAHLIG, MICHAEL A., Woodside, Physics.
 WATSON, GEORGE E., III, New York, General Biology.
 WEBB, JULIAN P., Rochester, Physics.
 WEINBAUM, SHELDON, Brooklyn, Engineering.
 WEININGER, STEPHEN J., Whitestone, Chemistry.

WEISBERGER, WILLIAM, Scarsdale, Physics.
 WHINSTON, ANDREW, Flushing, Mathematical Economics.
 WILLOUGHBY, GRACE, New York, Chemistry.
 ZVENGROWSKI, PETER D., Bronx, Mathematics.
Cooperative Graduate
 ANDERSON, CARL A., Jr., Sound Beach, Engineering.
 AX, JAMES, New York, Mathematics.
 BARBETTA, RAYMOND J., Green Island, Engineering.
 BARONE, STEPHEN R. J., Brooklyn, Physics.
 BAYLESS, BRUCE J., Syracuse, Agriculture.
 BEAK, PETER A., Syracuse, Chemistry.
 BECK, SIDNEY L., New York, Genetics.
 BENNETT, STEWART, Ithaca, Physics.
 BERGER, CHARLES A., Brooklyn, Mathematics.
 BERNABEI, BRO. AUSTIN, Riverdale, Physics.
 BERNOLD, STANLEY, Flushing, Earth Sciences.
 BOLLINGER, JOHN G., Manhasset, Engineering.
 BRAGG, LINCOLN E., Orchard Park, Mathematics.
 BRESLAU, MICHAEL, Flushing, Engineering.
 BRIGGS, JAMES E., Glen Cove, Engineering.
 BRODY, NATHAN, Brooklyn, Psychology.
 BROEK, HOWARD W., Bronxville, Physics.
 BROGAN, THOMAS R., Syracuse, Engineering.
 BRYANT, CYRUS A., Almond, Physics.
 CAVETT, ROBERT H., Troy, Engineering.
 CHERN, BERNARD, Brooklyn, Physics.
 CLORFEINE, ALVIN S., Long Island City, Engineering.
 COTTER, MAURICE J., Astoria, Physics.
 CURRIE, DOUGLAS G., Rochester, Physics.
 DAVIS, JOEL, Ontario, Physics.
 DEAN, SHELDON W., Jr., Flushing, Engineering.
 DEMETRIOU, PETER, Brooklyn, Engineering.
 DENSLow, LATHROP V., Brooklyn, Earth Sciences.
 DRISCOLL, JOHN D., Far Rockaway, Mathematics.
 EHRLICH, DAVID, Brooklyn, Mathematics.
 EIDSON, JOHN C., Scarsdale, Engineering.
 EINHORN, JANE W., New York, Psychology.
 ENGELHART, JOHN E., Woodhaven, Chemistry.
 ESRIG, MELVIN I., Long Beach, Engineering.
 FALB, PETER L., Brooklyn, Mathematics.
 FINNERTY, ANTHONY E., Brooklyn, Chemistry.
 FITCHEN, DOUGLAS B., New York, Physics.
 FLEISCHER, HENRY, Jackson Heights, Chemistry.
 FOX, JOEL S., Brooklyn, Engineering.
 FREEDMAN, STEVEN I., New York, Engineering.
 GASSMAN, PAUL G., Ithaca, Chemistry.
 GASTWIRTH, JOSEPH L., Rego Park, L.I., Mathematics.
 GEISS, GUNTHER R., Richmond Hill, L.I., Engineering.
 GELERINTER, EDWARD, Bronx, Physics.
 GELMAN, HARRY, New York, Physics.
 GERSHENSON, HILLEL H., New York, Mathematics.
 GERSTEIN, IRA S., Rego Park, L.I., Physics.
 GILLESPIE, JOHN R., Kenmore, Physics.
 GILLMAN, DAVID S., Woodmere, Mathematics.
 GLASS, GEORGE, New York, Physics.
 GOLD, PHILLIP J., New York, Mathematics.
 GREENE, SAMUEL L., Syracuse, Physics.
 GROSSER, ARTHUR E., Brooklyn, Chemistry.

- GRUENFELD, NORBERT, New York, Chemistry.
 GUSTAVSON, FRED G., Yonkers, Mathematics.
 HARRINGTON, JOSEPH J., Brooklyn, Engineering.
 HARTMANN, ALOIS J., Staten Island, Engineering.
 HERBERT, JOYCE M., Buffalo, Chemistry.
 HERZBERG, NORMAN P., Brooklyn, Mathematics.
 HESKETH, JOHN D., Ithaca, Agriculture.
 HIRSCHFELD, WILLIAM J., Whitestone, Zoology.
 HOOK, SUSAN A., Port Washington, Mathematics.
 HORNREICH, RICHARD M., Bronx, Engineering.
 HULTQUIST, DONALD E., Jamestown, Biochemistry.
 JACOBOWITZ, RONALD, Flushing, Mathematics.
 JOHNSON, STANLEY L., Ithaca, Biochemistry.
 JORDAN, NEAL F., Buffalo, Engineering.
 KALANTAR, ALFRED H., Ithaca, Chemistry.
 KARASS, ABRAHAM, Brooklyn, Mathematics.
 KART, MERNA R., Flushing, Biology.
 KATZPER, MEYER, Bronx, Physics.
 KENEDY, ROSEMARY, New York, Zoology.
 KIVELEVICH, DORIS, Yonkers, Chemistry.
 KRUMBEIN, SIMEON J., Brooklyn, Chemistry.
 KUBIS, JOSEPH J., Brooklyn, Physics.
 KUBY, GEORGE H., Bronx, Mathematics.
 LASHER, RICHARD J., Germantown, Engineering.
 LEVINE, ELLIOT M., Bayside, Biochemistry.
 LEVINE, EUGENE, Brooklyn, Mathematics.
 LEVY, LAWRENCE S., Brooklyn, Mathematics.
 LEVY, PAUL F., Bronx, Biochemistry.
 LIDSKY, LAWRENCE M., Queens, Engineering.
 LIFF, ALLAN I., New York, Engineering.
 LINDBERG, JOHN A., Jr., Brooklyn, Mathematics.
 LINTON, FRED E. J., New York, Mathematics.
 LINZER, MELVIN, Brooklyn, Chemistry.
 LOGCHER, ROBERT D., Scarsdale, Engineering.
 LOSTAGLIO, VINCENT J., Woodside, Chemistry.
 LUBELL, DAVID, Brooklyn, Mathematics.
 LUBIN, JONATHAN D., Staten Island, Mathematics.
 LUBOWE, ANTHONY G., New York, Engineering.
 MALANIFY, JOHN J., Troy, Physics.
 MARCUS, BRUCE D., Ithaca, Engineering.
 MCCracken, DANIEL D., Ossining, Mathematics.
 MIDLER, MICHAEL, Jr., New Rochelle, Engineering.
 MILLER, AUDREY E., Chappaqua, Chemistry.
 MORSIK, FREDERICK L., Forest Hills, Chemistry.
 MORAN, JAMES P., Jr., Brooklyn, Chemistry.
 MOSHER, ROBERT E., Larchmont, Mathematics.
 MULLANEY, PAUL F., Staten Island, Physics.
 NIEDERCORN, JOHN H., Pearl River, Economics.
 NOVICK, AARON J., Brooklyn, Physics.
 O'BRIEN, ROBERT E., New York, Chemistry.
 O'MALLEY, THOMAS F., New York, Physics.
 OWELLEN, RICHARD J., Rochester, Chemistry.
 PADNOS, NORMAN, Brooklyn, Chemistry.
 PARKER, ALFRED B., Jamestown, Earth Sciences.
 PEREL, JAMES M., Bronx, Chemistry.
 PERRY, FREDERICK W., Holley, Engineering.
 PETERSON, SUZANNE C., Jamestown, Chemistry.
- PIRONE, THOMAS P., New York, Botany.
 PITTARO, MAURO J., Jr., Long Island City, Engineering.
 PRINZ, MARTIN, New York, Earth Sciences.
 REIFENBERG, GERALD H., Brooklyn, Chemistry.
 REMINI, WILLIAM C., Long Island City, Engineering.
 RESSLER, ROBERT H., New York, Psychology.
 RICKERT, RICHARD M., Brooklyn, Engineering.
 RIEGELHAUPT, JOYCE F., Rego Park, L.I., Anthropology.
 ROHAN, DENNIS M., Middletown, Engineering.
 ROSE, ROBERT M., Flushing, Engineering.
 ROSEN, ERWIN S., New York, Psychology.
 ROSS, DONALD C., Rochester, Psychology.
 ROST, ERNEST S., New Paltz, Physics.
 ROTHSCHILD, WALTER G., New York, Chemistry.
 SARASON, LEONARD, Rego Park, L.I., Mathematics.
 SCHLEE, FRANK H., Flushing, Engineering.
 SCHWARTZ, WALTER L., Brooklyn, Engineering.
 SCHULZE, ARTHUR W., Forest Hills, Chemistry.
 SIBNER, ROBERT J., New York, Mathematics.
 SIEBERT, BIRGID M., Newburgh, Physics.
 SILVERMAN, SYDEL F., New York, Anthropology.
 SMOLINSKY, BARBARA L., New York, Chemistry.
 SOBEL, ALAN, Brooklyn, Physics.
 SOLOMON, LEONARD, Brooklyn, Chemistry.
 STEIN, REINHARDT P., Middletown, Chemistry.
 STEINBERG, ARTHUR, Brooklyn, Mathematics.
 STEINBERG, NAOMI, New York, Chemistry.
 STEVENS, ALAN M., New York, Anthropology.
 STRIFER, WILLIAM, New York, Engineering.
 TEIGER, MARTIN L., Brooklyn, Physics.
 THIBLE, EVERETT A., Roslyn Heights, Chemistry.
 TREANOR, KATHERINE P., Buffalo, Genetics.
 TSANG, WING, Forest Hills, Chemistry.
 VOLKER, RONALD E., Lancaster, Engineering.
 WAGNER, LEONARD S., Ithaca, Engineering.
 WALSH, JOHN F., New York, Psychology.
 WECKER, STANLEY C., New York, Zoology.
 WEISMAN, ROBERT A., Kingston, Biochemistry.
 WELT, CAROL, New York, Anthropology.
 WIDMIER, J. MICHAEL, Cortland, Earth Sciences.
 WORTIS, MICHAEL, New York, Physics.
 WORTIS, ROCHELLE P., New York, Psychology.
 YOUNGER, DANIEL H., Flushing, Engineering.
 ZELNY, WILLIAM B., Syracuse, Physics.
- Postdoctoral*
- BARSHAY, SAUL, Beacon, Physics.
 BEHRENS, RALPH E., East Patchogue, Physics.
 BOCK, WALTER J., Woodhaven, Zoology.
 BROWDER, WILLIAM, Ithaca, Mathematics.
 BURNETT, ALLISON L., Ithaca, Zoology.
 BYRON, JOSEPH W., New York, Medical Sciences.
 ECKERT, ROGER O., New York, Zoology.
 ERTEL, NORMAN H., Brooklyn, Medical Sciences.
 FLEISCHMAN, JULIAN B., Riverdale, Biochemistry.
 GLIMM, JAMES G., New York, Mathematics.
 GOLDMAN, NORMAN L., Brooklyn, Chemistry.

GOODMAN, JOEL W., Brooklyn, Microbiology.
HAJIAN, ARSHAG B., Rochester, Mathematics.
JOHNSGARD, PAUL A., Ithaca, Zoology.
KRISHNER, LAWRENCE C., Livonia, Chemistry.
LANDAU, HENRY J., New York, Mathematics.
LIGHT, JOHN C., Mount Vernon, Chemistry.
MARVIN, DONALD A., Chappaqua, Biophysics.
MATIN, LEONARD, Bronx, Psychology.
MCCUMBER, DEAN E., Rochester, Physics.
MITTA, LAURENCE, Brooklyn, Physics.
SCHULTZ, SHELDON, NEW YORK, Physics.
SCHWENDINGER, RICHARD B., Bronx, Agriculture.
STAFFORD, FRED E., Bronx, Chemistry.
STERNBERG, SAUL H., New York, Psychology.
TAYLOR, HOWARD S., New York, Chemistry.
WEISS, JANE M., Brooklyn, Psychology.
WELLNER, MARCEL N., Great Neck, Physics.
WEST, LA MONT JR., Saranac Lake, Anthropology.
WIDOM, HAROLD, Ithaca, Mathematics.
WONG, EUGENE, New York, Engineering.
YOUNG, RICHARD W., New York, Medical Sciences.

Senior Postdoctoral

BUFF, FRANK P., Rochester, Chemistry.
COBLISS, LESTER M., Blue Point, L.I., Chemistry.
DONN, WILLIAM L., Brooklyn, Earth Sciences.
FRENCH, JAMES B., Rochester, Physics.
FULLER, R. CLINTON, Shoreham, L.I., Biochemistry.
GROSS, ROBERT A., Huntington, Engineering.
HAVENS, WILLIAM W., Jr., Dobbs Ferry, Physics.
HELLMAN, C. DORIS, New York, History of Science.
HOBERMAN, HENRY D., Scarsdale, Biochemistry.
KAPLON, MORTON F., Rochester, Physics.
ROTHSTEIN, ASER, Rochester, Medical Science.
SCHNEIDERMAN, HOWARD A., Ithaca, Zoology.
SINGER, MARCUS, Ithaca, Medical Science.
STEINBERGER, JACK, Hastings, Physics.
THOMPSON, JOHN F., Ithaca, Biochemistry.

Science Faculty

AARONSON, SHELDON, Jericho, L.I., Microbiology.
BAKER, ROBERT C., Ashville, Engineering.
BEEMAN, ELIZABETH A., Yonkers, Zoology.
BENUMOF, REUBEN, Long Island City, Physics.
BRENOWITZ, HARRY, No. Merrick, L.I., Zoology.
CHILDS, WYLIE J., Schenectady, Engineering.
DUTCHER, BARRY C., Waterloo, Mathematics.
GREENWALD, DAKOTA U., Syracuse, Mathematics.
HARDY, TRULY C., New York, Physics.
HART, HIRAM E., New York, Biophysics.
KATZ, J. LAWRENCE, Troy, Chemistry.
KING, EDWARD J., New York, Chemistry.
KING, RENO C., New York, Engineering.
KRAUSE, IRVIN, Bronx, Engineering.
KURZ, LUDWIK, New York, Engineering.
LEWIS, CHARLES J., New York, Mathematics.
MCDONALD, JANET, Poughkeepsie, Mathematics.
MICHON, CATHERINE A., Schenectady, Medical Science.
MODREY, JOSEPH, Schenectady, Engineering.
PETRO, LOUIS G., Jamestown, Engineering.

POTTER, LOUISE F., Poughkeepsie, Microbiology.
READ, ALBERT J., Oneonta, Physics.
RICHARDSON, MOSES, Brooklyn, Mathematics.
SALETAN, EUGENE J., Crompond, Physics.
VEIGEL, WILLIAM J., Thornwood, Physics.
VITAGLIANO, VINCENT J., Mount Vernon, Engineering.
WEBB, ROBERT L., Ithaca, Engineering.

Summer Fellowships for Graduate Teaching Assistants

ADLER, IRVING, Bayside, L.I., Mathematics.
BARRETO, DELIA M., Manhasset, Zoology.
BIESTERFELDT, HERMAN J., Jr., Woodhaven, Mathematics.
BISHOP, GEORGE H., Jr., Elmira, Engineering.
BRAUNER, JOSEPH W., Rochester, Chemistry.
BROOKS, KATHERINE, Rochester, Genetics.
BURTON, DONALD J., Ithaca, Chemistry.
BURTON, MARTHA B., Rochester, Mathematics.
CHERN, BERNARD, Brooklyn, Physics.
CHILTON, BRUCE L., Tonawanda, Mathematics.
COTTER, MAURICE J., Astoria, Physics.
CURRIE, DOUGLAS G., Rochester, Physics.
DAVIS, ROBERT P., Ithaca, Zoology.
DE LUCA, DONALD C., Sharon Springs Chemistry.
DE POE, CHARLES E., Southampton, Botany.
DOUGHERTY, THOMAS J., Buffalo, Chemistry.
DRISCOLL, JOHN S., Jamestown, Chemistry.
DU BRIN, ANDREW J., New York, Psychology.
FICKLER, STUART I., Syracuse, Physics.
GANLEY, WILLIAM P., North Tonawanda, Physics.
GELMAN, HARRY, New York, Physics.
GILLESPIE, JOHN R., Kenmore, Physics.
GILLMAN, DAVID S., Woodmere, Mathematics.
GOLDSTEIN, MARVIN S., Ellenville, Chemistry.
GORMAN, ANTHONY L., Rochester, Psychology.
GREEN, JONATHAN P., Great Neck, L.I., Zoology.
GREENWALT, BOYD R., Syracuse, Botany.
GRIERSON, JAMES D., Jr., Ithaca, Botany.
GRUENBERG, LEONARD W., Brooklyn, Physics.
HARRIS, MORTON E., Brooklyn, Mathematics.
HOFFMAN, MORTON Z., New York, Chemistry.
ISAAC, RICHARD E., New York, Mathematics.
ISAACSON, ROBERT B., New York, Chemistry.
KAZAN, JOHN, High Falls, Chemistry.
LAPORTE, LEO F., New York, Earth Sciences.
LEROI, GEORGE E., Peekskill, Chemistry.
LEVINE, ELLIOT M., Bayside, L.I., Biochemistry.
LEVY, LAWRENCE S., Brooklyn, Mathematics.
LIST, ALBERT, JR., Ithaca, Botany.
LONGOSZ, EDWARD J., Rochester, Chemistry.
MCMANUS, LAWRENCE R., Ithaca, Zoology.
MORRISON, HARRY, Brooklyn, Chemistry.
POPE, DANIEL L., Ithaca, Engineering.
PRINZ, MARTIN, New York, Earth Sciences.
REDLICH, ROBERT W., Troy, Physics.
RUSH, FRANCIS T., Brooklyn, Mathematics.
RUSZKAY, RICHARD J., New York, Engineering.
SANDVIK, ERIK I., Rochester, Chemistry.
SCARFONE, LEONARD M., Troy, Physics.
SCHER, HARVEY, Syracuse, Physics.
SCHWARTZ, LEONARD H., New York, Chemistry.

- SCOTTI, FRANK, West Babylon, L.I., Chemistry.
- SEDLAK, JOHN A., Peekskill, Chemistry.
- SHORTT, BRIAN A., New Rochelle, Physics.
- SILVERMAN, ARNOLD J., Brooklyn, Earth Sciences.
- SMITH, JOHN H., Ithaca, Mathematics.
- STEIN, REINHARDT P., Middletown, Chemistry.
- STEINBERGER, NAOMI, New York, Chemistry.
- STERNLICHT, HIMAN, New York, Chemistry.
- SWENEY, DONALD R., Floral Park, L.I., Psychology.
- TEICHMAN, PAUL, Brooklyn, Physics.
- TILSON, SEYMOUR, New York, Earth Sciences.
- TUFARIELLO, JOSEPH J., Bayside, L.I., Chemistry.
- WEBER, DUDLEY L., Rego Park, L.I., Medical Sciences.
- YASSO, WARREN E., Brooklyn, Earth Sciences.
- ZBLENY, WILLIAM B., Syracuse, Physics.
- Summer Fellowships for Secondary School Teachers*
- ADLER, RUTH R., Rockville Centre, L.I., Mathematics.
- ALEXANDER, SAM, New York City, Mathematics.
- ALPER, LOUIS, Brooklyn, Chemistry.
- AUERBACH, LOUIS, Elmhurst, Chemistry.
- BACKAL, BLOSSOM L., Long Island City, Mathematics.
- BALL, Sr. SAINT AUGUSTINE, Buffalo, Mathematics.
- BANTLE, RAYMOND O., Fairport, Earth Sciences.
- BERGLASS, ISIDORE M., Long Beach, L.I., Mathematics.
- BERWIND, Sr. HELEN CECILIA, S.S.J., Geneva, Physics.
- BRESLAU, ABRAHAM, Brooklyn, Earth Sciences.
- BROCH, EDMUND S., Saranac Lake, General Biology.
- BUCHMAN, AARON L., Buffalo, Mathematics.
- BUGLIOSI, ETTORE, Clifton Springs, Botany.
- BURGDORF, OTTO P., Long Island City, Chemistry.
- CONNELLY, Sr. MARY EDWARD, Rochester, Earth Sciences.
- CUMMINGS, Sr. M. ALICE VERONICA, Rome, Chemistry.
- DOE, PAUL R., Hyde Park, Earth Sciences.
- DRISCOLL, Mother M. BRIGID, Tarrytown, Mathematics.
- FELDMAN, LOUIS H., Brooklyn, Physics.
- FIFE, ERNA J., Flushing, Mathematics.
- FOLSTER, KENNETH, Poughkeepsie, Physics.
- FRIIA, Sr. MARY LITA, S.S.N.D., Brooklyn, Chemistry.
- FUCHS, REUBEN, Jamaica, Microbiology.
- GALLO, ROBERT R., Clyde, Zoology.
- GANTERT, Sr. ANN XAVIER, Geneva, Mathematics.
- GARDNER, CLAYTON H., White Plains, Mathematics.
- GENISE, LOUIS R., Brentwood, Mathematics.
- GWIRTZ, HERMAN, New York City, Physics.
- GILBERT, ANN C., Brooklyn, Physics.
- GOODNESS, DEANE, Watertown, Mathematics.
- GOTTLIEB, MEYER L., New York City, General Biology.
- HABBE, LOUIS, White Plains, Biochemistry.
- HARRIS, SIDNEY P., Bayside, Chemistry.
- HECK, Rev. HARRY C., Bronx, Physics.
- HENDLER, HAROLD, Cambria Heights, Mathematics.
- HERRY, DONALD F., Lyndonville, Mathematics.
- HEYMONT, JOSEPH, Brooklyn, General Biology.
- HUFFMIRE, DONALD W., Walton, General Science.
- HUNT, PATRICIA C., Elmhurst, L.I., Mathematics.
- JABIN, BELMONT, Brooklyn, Mathematics.
- JAECKLE, Sr. MARY AQUIN, R.S.M., Rochester, Mathematics.
- JOSLIN, PAUL H., Elba, Earth Sciences.
- LENNON, Sr. MARY STANISLAUS, Rochester, Chemistry.
- LOVE, LEWIS E., Great Neck, L.I., General Biology.
- MALLEY, Sr. MARY AUGUSTINE, Rochester, General Biology.
- NASH, JAMES H., New York City, Mathematics.
- NICK, JOHN R., New York City, Mathematics.
- O'LOUGHLIN, THOMAS M., Homer, Mathematics.
- O'REGAN, PATRICK J., Armonk, Mathematics.
- PATTERSON, MAURICE L., Interlaken, Mathematics.
- PAYENSON, IRVING, Brooklyn, General Biology.
- PAYNE, HARRISON H., Pawling, General Biology.
- REYNOLDS, Sr. MARY PAUL, O.S.F., Hastings-on-Hudson, General Biology.
- ROTHMAN, IRWIN M., Brooklyn, Mathematics.
- RYAN, Bro. AGATHO JOHN, F.S.C., Newburgh, Mathematics.
- RYAN, Sr. M. JULIA, Rochester, Mathematics.
- SALISBURY, ROBERT L., Nedrow, Zoology.
- SAUER, HERBERT G., Cornwall-on-Hudson, Mathematics.
- SCHACKER, EMANUEL, New York City, Mathematics.
- SCHOR, HARRY, Brooklyn, Mathematics.
- SCHWARTZBURT, ALBERT N., Brooklyn, Mathematics.
- SOFFER, MURRAY B., New York City, Mathematics.
- STARKWEATHER, ALBERT W., Alexandria Bay, Mathematics.
- STEINBERG, JACOB, Brooklyn, Physics.
- STEINBERG, LEO L., Brooklyn, Physics.
- TUCKER, KATHARINE, Penfield, General Biology.
- WEINBERG, MORRIS, New York City, General Biology.
- WEINBERG, STANLEY L., New York City, Microbiology.
- WEISS, EMANUEL M., New York City, Physics.
- YOKER, JOHN F., So. Glens Falls, Earth Sciences.
- NORTH CAROLINA**
- Graduate*
- BREHME, ROBERT W., Chapel Hill, Physics.
- BRYANT, DAVID, Greensboro, Chemistry.
- DAVID, HOWARD T., Hendersonville, Chemistry.
- GRIFFITHS, PHILLIP A., Raleigh, Mathematics.
- HORNER, SALLY M., Chapel Hill, Chemistry.
- HOUSHOLDER, WILLIAM R., Jr., Asheville, Engineering.
- HUBBARD, ROBERT L., Chapel Hill, Physics.

LINDSLEY, DONALD H., Asheville, Earth Sciences.

LOHR, LAWRENCE L., Jr., Raleigh, Chemistry.
NANNEY, CECIL A., Black Mountain, Physics.
VAUGHAN, MAURICE H., Jr., Wilmington, Biophysics.

Cooperative Graduate

BAIRD, FRANCES G., Valdese, Chemistry.
BURTON, PAUL R., Burnsville, Zoology.
CATE, ROBERT B., Jr., Raleigh, Agriculture.
FALLAW, WALLACE C., Hillsboro, Earth Sciences.

WALKER, W. SCOTT, Statesville, Physics.
WRENCH, DAVID F., Chapel Hill, Psychology.
WYKE, THOMAS F., Shelby, Engineering.

Postdoctoral

COWAN, MONROE J., Durham, Physics.
LINK, WILLIAM J., North Wilkesboro, Chemistry.

NEWBORN, ANCEL C., Carrboro, Mathematics.
RADLOW, ROBERT, Guilford College, Psychology.

WARNER, SETH L., Durham, Mathematics.

Senior Postdoctoral

BRADSHAW, CHARLES K., Durham, Chemistry.
KRIGBAUM, WILLIAM R., Durham, Chemistry.

Science Faculty

GRAVES, ARTIS P., Greensboro, Zoology.
HOWE, H. BRANCH, Jr., Winston-Salem, Botany.

MCCOLLUM, IRVING A., Durham, Mathematics.

MERZBACHER, EUGEN, Chapel Hill, Physics.
PENDERGRAST, JAMES, Greensboro, Chemistry.

TOTTON, EZRA L., Durham, Chemistry.
WILLIAMS, LEO, Jr., Greensboro, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BISHIR, JOHN W., Raleigh, Mathematics.
BURTON, PAUL R., Burnsville, Zoology.

DEARMAN, HENRY H., Statesville, Chemistry.
FLANAGAN, DAVID L., Raleigh, Mathematics.
FUNDERBURG, JOHN B., Jr., Castle Hayne, Zoology.

GOFORTH, SAMUEL T., Jr., Clemmons, Engineering.

JONES, LEONIDAS J., Warrenton, Engineering.

LINK, WILLIAM J., N. Wilkesboro, Chemistry.
LOVEN, ANDREW W., Crossnore, Chemistry.

NIXON, DAVID E., Charlotte, Mathematics.

Summer Fellowships for Secondary School Teachers

DULIN, PALMER M., Belmont, Mathematics.
FOIL, WILLIAM C., Winston-Salem, General Biology.

FORD, JAMES R., Grifton, Mathematics.
LEVI, LOUIS E., Charlotte, General Science.

SAMPSON, BENNY R., Pembroke, General Science.

SCOTT, JOHN N., Charlotte, Physics.
SPARROW, HILBURN, Reidsville, Mathematics.

PYLES, JULIAN W., Charlotte, Physics.

NORTH DAKOTA

Graduate

NORRIS, JAMES, Fargo, Chemistry.
SPANDE, THOMAS F., Mayville, Chemistry.
UTGAARD, JOHN, Minot, Earth Sciences.

Cooperative Graduate

BUUS, ROBERT G., Grand Forks, Engineering.

LANCASTER, DOUGLAS A., Fargo, Zoology.
MOHBERG, JOYCE, Milnor, Biochemistry.

Summer Fellowships for Graduate Teaching Assistants

SCHEIBE, PAUL O., Grand Forks, Engineering.

Summer Fellowships for Secondary School Teachers

BARRON, GEORGE L., Jamestown, General Science.

BLISS, HARALD N., Grafton, Physics.
HANS, VALBORG, Wahpeton, Mathematics.

MUSCHA, Sr. ELIZABETH ROSE, Grafton, Mathematics.

SABBY, LELAND C., Valley City, Chemistry.

OHIO

Graduate

BALDWIN, CAROL, Beach City, Botany.
BEISNER, HENRY M., Tiffin, Physics.

BERNDT, DONALD C., Toledo, Chemistry.
BERNER, ROBERT A., Cincinnati, Earth Sciences.

BESHINSKE, RAYMOND J., Cleveland, Chemistry.

BLOOM, SANFORD G., Columbus, Engineering.
BROWN, THOMAS A., Dayton, Mathematics.

BURNETT, DONALD S., Dayton, Chemistry.
BYRNE, RICHARD N., Columbus, Physics.

CARROLL, TOM W., Cincinnati, Engineering.
CARRUTHERS, PETER A., Middletown, Physics.

COX, GEORGE W., Delaware, Zoology.
DEUTSCH, ELIZABETH J., Shaker Heights, Zoology.

EK, FREDERICK L., Cuyahoga Falls, Physics.
FOOTE, J. LINDSLEY, Cleveland, Chemistry.

FROMMER, GABRIEL P., Cincinnati, Psychology.

GRIFFIN, DAVID H., Cincinnati, Botany.
HEMPFLING, WALTER P., Cincinnati, Microbiology.

HETRICK, EDWIN H., Fremont, Engineering.
HORN, WILLIAM A., Cincinnati, Mathematics.

HUFF, ROBERT W., Canton, Physics.
KEHOE, JAC S., Dayton, Psychology.

KOENIG, DONALD F., Cuyahoga Falls, Biophysics.

KRAMER, DAVID A., Cleveland, Physics.
KRAPP, PAUL J., Springfield, Chemistry.

KREIMBER, H. FREDERICK, Jr., Cincinnati, Mathematics.

LEBOR, ANDREW S., Cincinnati, Physics.
MARSHALL, THOMAS C., Cleveland, Physics.

MAWBY, JOHN E., Dayton, Earth Sciences.
MENGERT, PETER, Painesville, Physics.

MENNINGER, JOHN R., Dayton, Biophysics.
MERKEL, ARTHUR W., Cincinnati, Chemistry.

MESSINGER, JOHN C., Burton, Botany.
NETTING, ROBERT M., Cincinnati, Anthropology.

NICHOLS, LARRY D., Xenia, Chemistry.
NICHOLS, THOMAS S., Batavia, Chemistry.

PATTY, RICHARD R., Columbus, Physics.
PELECH, IVAN, Cleveland, Engineering.

REILLY, BERNARD E., Cleveland, Microbiology.

SEIELSTAD, GEORGE A., Lakewood, Astronomy.

SLOAN, JAMES R., Shaker Heights, Mathematics.

SNIVELY, FRANK T., Yellow Springs, Physics.

- SORRELL, CHARLES A., Hamilton, Earth Sciences.
- SWEENEY, THOMAS L., Cleveland, Engineering.
- TAYLOR, LYNN J., Cuyahoga Falls, Chemistry.
- VANDEN EYNDEN, CHARLES, St. Bernard, Mathematics.
- WAGNER, WILLIAM F., Cincinnati, Engineering.
- WEBB, DAVID K., Jr., Chillicothe, Earth Sciences.
- YOUNG, ANDREW T., Massillon, Astronomy.
- YOUNG, PAUL, St. Marys, Mathematics.
- Cooperative Graduate*
- ARNSTEIN, WALTER, Cleveland Heights, Engineering.
- BEAN, RALPH J., Cleveland, Mathematics.
- BEARD, JAMES B., Bradford, Agriculture.
- BRANDTS, JOHN F., Celina, Chemistry.
- BRUNGS, WILLIAM A., Jr., Columbus, Genetics.
- BURK, CARL J., Troy, Botany.
- BUYANSKY, DONALD V., Cleveland, Engineering.
- CLARK, ALLAN H., Cincinnati, Mathematics.
- CORNELL, ROSS H., Bowling Green, Mathematics.
- CRANO, JOHN C., Euclid, Chemistry.
- CRUDEN, ROBERT W., Berea, Botany.
- DAMIAN, RAYMOND T., Akron, Zoology.
- ELLIS, DAVID G., Marietta, Physics.
- FELTY, EVAN J., Columbus, Chemistry.
- FINZEL, JEAN E., Westlake, Zoology.
- GIFFORD, PHILLIP H. II, Worthington, Engineering.
- GWYNN, DONALD E., Columbus, Chemistry.
- HAYBRON, RONALD M., Zanesville, Physics.
- HEINTZ, ROGER L., Jackson Center, Biochemistry.
- HERBERT, NICHOLAS C., Columbus, Physics.
- HUHEY, JAMES E., Batavia, Chemistry.
- JULYAN, FREDERICK J., Columbus, Zoology.
- KHOE, BRANDT, Dayton, Physics.
- KELLER, JAMES M., Cincinnati, Physics.
- KILNER, JOSEPH R., Cleveland, Physics.
- KRAUSE, DANIEL J., Columbus, Engineering.
- KURTZ, STEWART K., Columbus, Physics.
- LARSEN, ARTHUR B., Parma Heights, Engineering.
- MARZLUF, GEORGE A., Columbus, Genetics.
- MCATEER, PHILLIP J., Cincinnati, Engineering.
- MCCONNELL, JOHN L., Akron, Genetics.
- MOUNT, DONALD I., Columbus, Zoology.
- MUSHENHEIM, HAROLD G., Cincinnati, Mathematics.
- NINKE, WILLIAM H., Toledo, Engineering.
- PFLIEGER, WILLIAM L., Columbus, Zoology.
- POOS, WILMA J., Eaton, Biochemistry.
- REINECKE, WILLIAM G., Dayton, Engineering.
- SANFORD, JAMES R., Vermillion, Physics.
- SHELLMAN, RICHARD W., Columbus, Chemistry.
- SHERA, E. BROOKS, Cleveland, Physics.
- SHERIDAN, CHARLES L., Columbus, Psychology.
- SKAATES, J. MICHAEL, Worthington, Engineering.
- SKUBIAK, MICHAEL T., Akron, Engineering.
- SOPKOVICH, NICHOLAS J., Canfield, Physics.
- STEINBOCK, MARY A., Bedford, Physics.
- TOBIN, DON G., Reynoldsburg, Earth Sciences.
- WALTERS, VIRGINIA F., Cleveland, Physics.
- WAMPLER, DALE L., Lima, Chemistry.
- WARNER, HUBER R., Kent, Biochemistry.
- WHITEHEAD, JACK M., Zanesville, Anthropology.
- WOLFE, EDWARD W., Columbus, Earth Sciences.
- ZWOLNIK, JAMES J., Cleveland, Chemistry.
- Postdoctoral*
- FRANGE, RICHARD E., Berea, Physics.
- Senior Postdoctoral*
- BERNE, ROBERT M., University Heights, Biochemistry.
- SABLE, HENRY Z., Cleveland, Biochemistry.
- VARNER, JOSEPH E., Columbus, Biochemistry.
- Science Faculty*
- BAUM, JOHN D., Oberlin, Mathematics.
- BURI, PETER F., Gambler, General Biology.
- CRENSHAW, JOHN W., Jr., Yellow Springs, Zoology.
- DEAN, DONALD S., Berea, Botany.
- GOLDBERG, SAMUEL, Oberlin, Mathematics.
- HOVORKA, EDWARD J., Granville, Mathematics.
- KRABILL, DAVID M., Bowling Green, Mathematics.
- KRIEGER, IRVIN M., Cleveland Heights, Chemistry.
- LIPSICH, H. DAVID, Cincinnati, Mathematics.
- MCDOWELL, Sr. MARGARET, Columbus, Zoology.
- NORSTOG, KNUT J., Springfield, Botany.
- STERRETT, ANDREW, Jr., Granville, Mathematics.
- SWANSON, CARROLL A., Columbus, Botany.
- TURNBULL, BRUCE F., Cedarville, Physics.
- WATSON, RONALD, Cleveland, Engineering.
- WHEELER, SAMUEL C., Jr., Granville, Physics.
- Summer Fellowships for Graduate Teaching Assistants*
- ARCHBOLD, NORBERT L., Cleveland, Earth Sciences.
- ATCHLEY, RALPH W., Cincinnati, Chemistry.
- BEAN, RALPH J., Cleveland, Mathematics.
- BRANDTS, JOHN F., Celina, Chemistry.
- BURK, CARL J., Troy, Botany.
- BURLEY, J. WILLIAM, Columbus, Botany.
- COOKE, DEAN W., Bowling Green, Chemistry.
- CORNELL, ROSS H., Bowling Green, Mathematics.
- COSTANZA, JAMES L., Cleveland, Engineering.
- CROSS, HENRY A., Columbus, Psychology.
- EISELE, JOHN A., Columbus, Physics.
- FACKLER, JOHN P., Jr., Toledo, Chemistry.
- FERNER, BEVERLY R., Coldwater, Mathematics.
- GOCHENAUR, SALLY E., Cincinnati, Botany.
- GRANNEN, EDWARD A., Jr., Cincinnati, Chemistry.
- GWYNN, DONALD E., Columbus, Chemistry.
- HADFIELD, SYDNEY, Hamilton, Zoology.
- HUTCHISON, ROBERT B., Ravenna, Chemistry.
- JOHNSON, EUGENE C., Columbus, Mathematics.
- KERNAN, ROY W., Columbus, Biochemistry.
- KERN, GARY R., Cleveland, Chemistry.
- KURTZ, STEWART K., Columbus, Physics.
- LOEHLIN, JAMES H., Bellefontaine, Chemistry.
- MANERI, CARL C., Columbus, Mathematics.
- MCDONEL, EVERETT T., Shaker Heights, Chemistry.

MCLARNAN, CHARLES W., Columbus, Engineering.
 MICKEL, JOHN, T., Hudson, Botany.
 NICHOLAS, RALPH W.,¹ Lakewood, Anthropology.
 PATTEE, PETER A., Columbus, Microbiology.
 PFLEGER, WILLIAM L., Columbus, Zoology.
 ROWLAND, RICHARD L., Mansfield, Chemistry.
 SMITH, DONALD E., Columbus, Zoology.
 SMITH, GLENN E., Hilliards, Botany.
 STAPP, PAUL R., Euclid, Chemistry.
 WAMPLER, DALE L., Lima, Chemistry.
 WEBB, DAVID K., Jr., Chillicothe, Earth Sciences.
 WICK, LINDA M.,¹ Cleveland, Chemistry.
 WILLIAMS, ROBERT E., Columbus, Zoology.
 WILSON, ROBERT G., Columbus, Physics.
 YAMASHIRO, DONALD H., Cleveland, Chemistry.
 ZEPF, THOMAS H., Cincinnati, Physics
 ZERLA, FREDERIC J., Dillonvale, Mathematics.
 ZWOLENIK, JAMES J., Cleveland, Chemistry.

Summer Fellowships for Secondary School Teachers

ABOOD, Sr. MARY MYRON, S.N.D., Cleveland, Physics.
 BASINGER, DALE, Yellow Springs, Mathematics.
 BENICH, Sr. MARY IDA, S.N.D., Elyria, General Biology.
 BOYLE, FRANCIS K., Louisville, Mathematics.
 BREWER, DAVID L., Medina, Mathematics.
 BRINKMAN, VERENA H., Fort Jennings, Mathematics.
 BYERS, Sr. MARY HUBERT, S.N.D., Elyria, General Biology.
 DONOGHUE, Sr. M. IGNATIANA, I.H.M., Akron, Zoology.
 EDWARDS, RAY J., Toledo, Mathematics.
 EICHHOLZ, Sr. MARY ARSENIA, O.S.F., Mansfield, Physics.
 FUREY, Sr. MARY JOSANNE, S.N.D., Cleveland, Mathematics.
 GALLAGHER, Sr. MAURA, C.S.J., Cleveland, Physics.
 HASTINGS, Sr. MARY PATRICK, C.S.J., Cleveland, General Biology.
 HENDRICKSON, CHARLES W., Cleveland, Chemistry.
 HOUK, CLIFFORD C., Troy, Chemistry.
 JARVIS, Sr. JULIE, S.N.D. de N., Cincinnati, General Biology.
 KAENZIG, JOSEPH G., Vandalla, General Biology.
 KITKO, FRANK V., Brookfield, Chemistry.
 KUEHLS, ERNEST A., Rocky River, Mathematics.
 LAUTENBACH, HERMAN W., Bellefontaine, Physics.
 LYNE, SANFORD F., Cambridge, Mathematics.
 PFRIEM, RAYMOND C., Greenhills, Mathematics.
 RECKER, FRANK W., Parma, Mathematics.
 SCHICKER, JOSEPH S., Cleveland, Mathematics.
 SCHIMMOLER, Sr. M. LEO, O.P., Akron, Mathematics.
 SCHOLL, DOROTHY M., Lyndhurst, Earth Sciences.
 SEIFFERT, Sr. MARY CARMELETTE, Cleveland, Chemistry.
 SKILKEN, JACOB M., Cincinnati, Chemistry.
 SMART, ROBERT E., Columbus, Mathematics.
 STEINBERGER, PETER G., Newark, Physics.
 TATUM, ALAN, Cleveland, General Science.

TUSHAR, CHARLES L., Cleveland, General Science.
 WERNER, Sr., MARIJANE, O.P., Youngstown, Mathematics.

OKLAHOMA

Graduate

ABLES, JON G., Miami, Physics.
 CHRISTIAN, JOE C., Marshall, Genetics.
 DENISON, GILBERT W., Norman, Engineering.
 DOUGLAS, JAMES N., Stillwater, Astronomy.
 FRETWELL, LYMAN J., JR., Tulsa, Physics.
 GOLDWYN, ROGER M., Tulsa, Engineering.
 HILL, JAMES L., Norman, Engineering.
 KECK, DARWIN W., Stillwater, Botany.
 KRUGER, CHARLES H., Oklahoma City, Engineering.
 KRUGER, ROBERT A., Oklahoma City, Engineering.
 PARKER, JERALD D., Ponca City, Engineering.
 PAUL, JOHNNY C., Stillwater, Engineering.
 ROBINSON, ROBERT L., JR., Muskogee, Engineering.
 SANMANN, EVERETT E., Geronimo, Physics.
 SHOVER, EDWARD F., Tulsa, Earth Sciences.
 THOMSON, GEORGE H., Chickasha, Chemistry.
 WATSON, JOHN, Norman, Earth Sciences.
 ZAVODNY, EUGENE N., Redrock, Engineering.

Cooperative Graduate

BOWERS, VIRGINIA GREEN, Stillwell, Zoology.
 COOK, BILL D., Arnett, Physics.
 COOPER, JANE E., Tulsa, Zoology.
 CRAIG, ROY R., JR., Durant, Engineering.
 CRAWFORD, JOHN C., Ponca City, Physics.
 DAVIS, ALLEN S., Oklahoma City, Mathematics.
 DECKER, ROLAN V., Ada, Medical Science.
 EDWARDS, JIMMIE G., Stillwater, Chemistry.
 GREEN, DON W., Tulsa, Engineering.
 HENDERSON, VINSON D., JR., Drumright, Engineering.
 HERRIN, CHARLES B., Duncan, Chemistry.
 LESTER, DICK M., Norman, Physics.
 LEWIS, ROBERT E., Vinita, Chemistry.
 LEWIS, SCOTT C., Tulsa, Engineering.
 LOW, LEONE Y., Stillwater, Mathematics.
 MCCRACKEN, CURTIS W., Vici, Astronomy.
 RUSSELL, KENNETH J., Stillwater, Physics.
 SLAUGHTER, EUGENE E., JR., Durant, Mathematics.
 TIPTON, DONALD D., Fairland, Engineering.
 WERTZ, HARVEY J., Muskogee, Engineering.

Science Faculty

BRAFMAN, FRED,¹ Norman, Mathematics.
 GOETSCH, DENNIS D., Stillwater, Medical Science.
 OTT, BILLY J., Stillwater, Agriculture.
 PORTERFIELD, JAY G., Stillwater, Engineering.

Summer Fellowships for Graduate Teaching Assistants

COCHRANE, GLENN F., JR., Jay, Engineering.
 COOPER, KARL O., Miami, Engineering.
 HOLT, JAMES A., Antlers, Biochemistry.
 JONES, JERRY L., Stillwater, Chemistry.
 LESTER, DICK M., Norman, Physics.
 OSFOVAT, ALEXANDER M., Norman, History of Science.
 SPENCER, MAX M., Crescent, Engineering.
 STARKS, CHARLES M., Oklahoma City, Chemistry.

¹ Deceased.

Summer Fellowships for Secondary School Teachers

BRANDENBURG, ROBERT L., Alva, Zoology.
CALLIS, LEONARD S., Spencer, General Biology.
CLEMENT, ELLA L., Oklahoma City, Mathematics.
COFFIA, WILLIAM J., Oklahoma City, Mathematics.
DOUGLAS, CHARLES H., Oklahoma City, Earth Sciences.
GREER, LOLA B., Oklahoma City, Mathematics.
HALL, GEORGE W., Tulsa, Chemistry.
MOON, BLANCHE G., Bethany, Mathematics.
NEWBERRY, EARL R., Gould, General Science.
STONE, CHARLES K., Frederick, Mathematics.

OREGON

Graduate

AMMANN, EUGENE O., Portland, Engineering.
BROWN, ROBERT B., Portland, Mathematics.
BURROUGHS, JOHN D., Salem, Engineering.
DE BAR, ROGER B., Eugene, Physics.
DIXON, RICHARD W., Woodburn, Engineering.
DURYER, FRANCES L., North Bend, Microbiology.
EMRICH, ROBERT, Eugene, Anthropology.
KERR, JAMES R., Portland, Engineering.
LIEPFR, EDWARD, Eugene, Physics.
MAHAN, GERALD D., Portland, Physics.
ONDUFF, ROBERT, Portland, Botany.
PERSON, JAMES C., Salem, Chemistry.
RUSSELL, DALE A., Enterprise, Earth Sciences.
SCHEUCHENPFLUG, DORIS, Gearhart, Microbiology.
WETHERELL, CLYDE E., Mt. Hood, Earth Sciences.

Cooperative Graduate

COWLEY, RICHARD T., Tigard, Engineering.
EGGAN, LAWRENCE C., Eugene, Mathematics.
GRITTON, GEORGE V., Corvallis, Chemistry.
LOWE, JAMES N., McMinnville, Chemistry.
PEARSON, GARY A., Corvallis, Engineering.
RAUCH, JOHN E., Rainier, Chemistry.
ROCKHOLT, CELIA R., Corvallis, Chemistry.
ROSENFELD, HOWARD M., Portland, Psychology.

Postdoctoral

TAUBENECK, WILLIAM H., Corvallis, Earth Sciences.
WHEELER, NICHOLAS A., The Dalles, Physics.

Science Faculty

ALEXANDER, GERALD C., Corvallis, Engineering.
BEHLKE, CHARLES E., Corvallis, Engineering.

Summer Fellowships For Graduate Teaching Assistants

BENTLEY, ROBERT D., Portland, Earth Sciences.
EMRICH, ROBERT L., Eugene, Anthropology.
GILES, DONALD E., Corvallis, Zoology.
HESTON, ALAN W., Portland, Econometrics.
JENKINS, LYLE V., Corvallis, Zoology.
JOHNSON, ARNOLD R., Jr., Corvallis, Chemistry.
SCHAAD, LEWIS H., Newberg, Chemistry.
STEPHENSON, JOHN L., Corvallis, Chemistry.

Summer Fellowships for Secondary School Teachers

BIEDERMAN, ARTHUR A., Tigard, Zoology.
DOTY, ROBERT G., Canby, Biochemistry.
HEWELCKE, SR. M. MARGARET, O.P., Portland, General Biology.
LAMB, RONALD D., Central Point, General Biology.
LE COURS, ARTHUR A., Klamath Falls, General Science.
MCFADDEN, SCOTT D., Eugene, Mathematics.
MONKS, HOWARD I., Jr., Coos Bay, Chemistry.
NAEZIGER, RALPH L., Springfield, Physics.
NEAL, ERNEST L., Bandon, General Biology.
PORTER, DAVID D., Portland, General Science.
STUDER, LOREN E., Portland, Mathematics.

PENNSYLVANIA

Graduate

ADLER, RONALD J., Pittsburgh, Physics.
ALBRIGHT, JOHN R., Jr., Reamstown, Physics.
ANDERSON, ANSEL C., North Warren, Physics.
BARR, MICHAEL, Drexel Hill, Mathematics.
BARRETT, DENNIS, Philadelphia, Genetics.
BERMON, STUART, Philadelphia, Physics.
BERTRAM, WALTER J., Jr., Pittsburgh, Physics.
BLUMENTHAL, SAUL, Philadelphia, Engineering.
BOHACHEVSKY, IHOR O., Philadelphia, Mathematics.
BOOK, DAVID, L., Norristown, Physics.
BRAUMAN, JOHN I., Pittsburgh, Chemistry.
BURTNER, ROGER L., Hershey, Earth Sciences.
CARROLL, CLARK E., Pittsburgh, Physics.
COCIVERA, MICHAEL, Pittsburgh, Chemistry.
DAVIES, K. THOMAS, Pittsburgh, Physics.
EARDLEY, DAVID B., Pittsburgh, Engineering.
EARLE, CLIFFORD, Jr., Abington, Mathematics.
EVANS, DAVID W., Erie, Agriculture.
FANTE, RONALD L., Philadelphia, Engineering.
FARR, KENNETH E., Paxinos, Engineering.
FLIEGEL, HENRY F., Havertown, Astronomy.
FRENCH, THAYER C., Sewickley, Biochemistry.
GEISSINGER, LADNOR, Zionsville, Mathematics.
GILBERT, ALLEN W., Montoursville, Engineering.
GOODMAN, JUDITH C., Pittsburgh, General Biology.
GREEN, JOHN P., Jr., Philadelphia, Engineering.
GREENLEAF, FREDERICK P., Allentown, Physics.
GRENDER, GORDON C., State College, Earth Sciences.
GRIM, SAMUEL O., Dallastown, Chemistry.
GROOM, DONALD E., Turtle Creek, Physics.
GUYER, ROBERT A., Pittsburgh, Physics.
HALL, ROBERT D., Philadelphia, Psychology.
HENDRIX, THOMAS E., Landisville, Earth Sciences.
HIRSCHFIELD, JUDITH B., Pittsburgh, Mathematics.
HOUGHTON, DAVID D., Media, Earth Sciences.
HUGUENIN, G. RICHARD, Buck Hill Falls, Astronomy.
HUNT, RICHARD, Doylestown, Chemistry.

- INFANGER, SR. ANN MARTIN, Greensburg, Genetics.
- JOHNS, LEWIS E., JR., Pittsburgh, Engineering.
- JOSEPH, PETER M., Chester, Physics.
- KAMPMEIER, JACK A., Wyncote, Chemistry.
- KAUFFMAN, JOEL M., Huntingdon Valley, Chemistry.
- LAISON, GARY, Philadelphia, Mathematics.
- MAGID, LEONARD M., Philadelphia, Engineering.
- McFADDEN, JAMES T., State College, Zoology.
- McNUTT, DOUGLAS P., Philadelphia, Physics.
- MITCHEL, BARRY J., Pittsburgh, Engineering.
- MITRONOVAS, WALTER, Erie, Earth Sciences.
- MOLLENAUER, JAMES F., Radnor, Chemistry.
- MORRISON, JAMES L., Pittsburgh, Physics.
- NOBLE, ROBERT W., JR., Ardmore, Biochemistry.
- OSTERHOLTZ, FREDERICK D., Drexel Hill, Chemistry.
- PERLIN, CHARLES, Pittsburgh, Chemistry.
- PHILLIPS, THOMAS O., Lansdowne, Physics.
- PORTER, JAMES D., Chambersburg, Engineering.
- SARTORY, WALTER K., Pittsburgh, Engineering.
- SEIDERS, VICTOR M., York, Earth Sciences.
- SHAFFER, RUSSELL A., Philadelphia, Physics.
- SHEPPARD, RICHARD A., Lancaster, Earth Sciences.
- SHORT, JAMES J., Philadelphia, Philosophy of Science.
- SILVERSTEIN, MARIANNE, Philadelphia, Mathematics.
- SQUIRES, ROBERT G., Ambridge, Engineering.
- STEINING, RAE F., Pittsburgh, Physics.
- STONER, JOHN O., JR., Berlin, Physics.
- SUNA, ANDRIS, Broomall, Physics.
- THORINGTON, RICHARD W., JR., Wynnewood, General Biology.
- TURNER, LARRY, Pittsburgh, Physics.
- WARNER, FRANK W., III, State College, Physics.
- WEISS, CHARLES, JR., Philadelphia, Biochemistry.
- WELSH, ROBERT E., Pittsburgh, Physics.
- WILLIAMS, DEBORAH C., Moylan-Rose Valley, Zoology.
- WOOD, DON J., Cory, Engineering.
- WOODS, ROBERT M., JR., New Wilmington, Physics.
- YOUNG, FREDERICK D., Marianna, Engineering.
- ZARTMAN, ROBERT E., Lititz, Earth Sciences.
- Cooperative Graduate*
- AARON, RONALD, Philadelphia, Physics.
- ANGSTADT, CAROL N., Ardmore, Biochemistry.
- ARMSTRONG, DONALD G., Pittsburgh, Engineering.
- BARRETT, JOSEPH J., Scranton, Physics.
- BEANS, E. WILLIAM, State College, Engineering.
- BEDBSEM, WILLIAM B., Philadelphia, Engineering.
- BERGEY, JAMES A., Lansdale, Engineering.
- BERKOWITZ, DAVID B., Pottsville, Medical Sciences.
- BERNECKER, RICHARD R., Allentown, Chemistry.
- BIBHL, EDWARD R., Pittsburgh, Chemistry.
- BLUM, ROBERT A., Wynnewood, Engineering.
- BOLON, DONALD A., Meadville, Chemistry.
- BUTTE, WALTER A., JR., Reading, Chemistry.
- CARMAN, ROBERT A., Pittsburgh, Psychology.
- CONDON, PATRICIA G., Philadelphia, Biochemistry.
- DANNIN, JORDAN E., Philadelphia, Chemistry.
- DAVIS, EDWARD D., Philadelphia, Mathematics.
- DE COURSEY, GEORGE E., JR., Paoli, Zoology.
- DELAHANTY, EVERETT J., JR., Havertown, Psychology.
- DIENER, DAVID A., West Reading, Engineering.
- DRAUGGLIS, EDMUND, Philadelphia, Chemistry.
- FALKIE, THOMAS, V., State College, Engineering.
- FERNELIUS, NILS C., State College, Physics.
- FONDER, EDWARD F., Philadelphia, Chemistry.
- FONDY, THOMAS P., Pittsburgh, Biochemistry.
- FOX, IRWIN R., Philadelphia, Chemistry.
- FUDALI, ROBERT F., State College, Earth Sciences.
- GALLAGHER, W. PATRICK, Ridgway, Chemistry.
- GARGANI, ARNOLD J., Philadelphia, Engineering.
- GLENN, WILLIAM H., Philadelphia, Engineering.
- GRIFFIN, RODGER W., JR., Verona, Chemistry.
- HAAS, C. WARREN, Philadelphia, Physics.
- HALL, RICHARD C., Pittsburgh, Psychology.
- HARE, CURTIS R., Clifton Heights, Chemistry.
- HAY, JAMES E., Pittsburgh, Physics.
- HAYWEISER, LOIS J., Pittsburgh, Psychology.
- HEINDEL, NED D., Red Lion, Chemistry.
- HILL, DAVID G., Tarentum, Physics.
- HINICH, MELVIN J., Pittsburgh, Mathematics.
- HOYLAND, JAMES R., Pittsburgh, Chemistry.
- IBANEZ, MANUEL L., University Park, Microbiology.
- KAUFMANN, HARRY, Clifton Heights, Psychology.
- KELLER, ANNE, Perkasio, Genetics.
- KINZER, GEORGE R., JR., Lancaster, Physics.
- KOCH, WILLIAM E., York, Zoology.
- KUSHNICK, STEPHEN A., Pittsburgh, Psychology.
- LANDY, RICHARD A., Clearfield, Earth Sciences.
- LEBOY, PHOEBE S., Philadelphia, Biochemistry.
- MAXWELL, WILLIAM L., Philadelphia, Engineering.
- McMICHAEL, EDWARD V., Imperial, Anthropology.
- MICHEL, GERTRUDE M., Radnor, Zoology.
- MOORE, ALBERT L., Rome, Engineering.
- MORLOCK, HENRY C., JR., Philadelphia, Psychology.
- MURPHY, JOHN V., Philadelphia, Engineering.
- ORTTUNG, WILLIAM H., Narberth, Chemistry.
- PACHMAN, JERROLD M., State College, Earth Sciences.
- POLLACK, SOLOMON R., Philadelphia, Physics.
- RIEFF LOUIS P., Ashland, Chemistry.
- REINKRAUT, EVA D., Pittsburgh, Psychology.
- ROSENAU, WILLIAM A., State College, Agriculture.
- ROSENBERG, RONALD C., Philadelphia, Engineering.
- SAX, MARTIN, Pittsburgh, Chemistry.
- SEYLER, RICHARD G., Du Bois, Physics.
- SHERWOOD, W. CULLEN, Bethlehem, Earth Sciences.

SHULL, HARRY E., State College, Engineering.
SNELSER, ROBERT W., Pittsburgh, Engineering.
SOUTH, RICHARD L., Beaver Falls, Chemistry.
SPENCER, JORDAN L., Cynwyd, Engineering.
SQUIRES, BURTON E., Jr., State College, Physics.
TJETJEN, JAMES J., State College, Engineering.
VON FRANKENBERG, CARL A., Philadelphia, Chemistry.
WEBER, CAROLYN J., Philadelphia, Zoology.
WILLIAMS, JOHN E., Clarion, Zoology.
WILSON, ERIC L., Sharpsville, Mathematics.
WOLL, EDWIN J., Jr., Pittsburgh, Physics.
ZOLTOWICZ, JOHN A., Plymouth, Chemistry.

Postdoctoral

BAIRD, WILLIAM C., Jr., McKeesport, Chemistry.
FOLK, ROBERT T., Allentown, Physics.
GRUBER, JACOB W., Plymouth Meeting, Anthropology.
KLINEDINST, PAUL E., Jr., York, Chemistry.
LOVE, WILLIAM A., Pittsburgh, Physics.
PETERSON, DONALD B., Erie, Chemistry.
WALLEN, LAWRENCE J., Philadelphia, Mathematics.
WINEGRAD, SAUL, Cynwyd, Medical Science.

Senior Postdoctoral

GROSSWALD, EMIL, Philadelphia, Mathematics.
OPENHEIMER, JANE M., Bryn Mawr, Zoology.
TIMASHEFF, SERGE N., Philadelphia, Chemistry.

Science Faculty

BADGER, PARKER H., State College, Engineering.
DUNBAR, DAVID L., Washington, Mathematics.
EDWARDS, WILLIAM E., Pittsburgh, Anthropology.
GILES, RANALD V., Drexel Hill, Engineering.
HOLZINGER, JOSEPH R., Landisville, Astronomy.
LEVEY, MARTIN, Philadelphia, Mathematics.
LONG, HOWARD C., Gettysburg, Physics.
MILLER, BERNARD L., Havertown, Mathematics.
MOHN, NANCY, Pittsburgh, Genetics.
NEWLLN, CHARLES W., Springfield, Engineering.
ROHRER, WESLEY M., Jr., Glenshaw, Engineering.
RUDD, DE FOREST P., Lincoln University, Chemistry.
SCHWEIGERT, GEORGE E., Philadelphia, Mathematics.
TASSONEY, JOSEPH P., McKeesport, Engineering.
TENO, JOSEPH, Bath, Engineering.
THORNTON, CHARLES P., State College, Earth Sciences.
WARD, GILBERT H., Conyngham, Physics.
WISNER, ROBERT J., Haverford, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

ANDERSON, ROBERT B., Pittsburgh, Engineering.

BACHMAN, JERALD G., Philadelphia, Psychology.
BERNECKER, RICHARD R., Allentown, Chemistry.
BERT, GRACE R., Greencastle, Genetics.
BILLINGHAM, EDWARD J., Lebanon, Chemistry.
BOOK, RONALD G., State College, Engineering.
BRIEGER, GOTTFRIED, Philadelphia, Chemistry.
BROGAN, MARIANNE C., Jim Thorpe, Chemistry.
BRUMBERG, PAUL G., Ridgway, Mathematics.
BUTTE, WALTER A., Jr., Reading, Chemistry.
CARLILE, CLAYTON G., Meadville, Chemistry.
COLEBOB, CAROLE J., Pittsburgh, Mathematics.
CONDON, PATRICIA G., Philadelphia, Biochemistry.
COX, RAYMOND H., Meadville, Mathematics.
DANNIN, JORDAN E., Philadelphia, Chemistry.
DETIG, ROBERT H., Pittsburgh, Engineering.
EVANEGA, GEORGE R., Fullerton, Chemistry.
FARWELL, ROBERT W., Bellefonte, Biophysics.
FORSMAN, WILLIAM C., Lansdowne, Chemistry.
GORDON, ALBERT M., New Brighton, Physics.
GREENBERG, BERNARD, State College, Chemistry.
GUBER, ALBERT L., Bridgeville, Earth Sciences.
HOLOWINSKY, ANDREW W., Philadelphia, Botany.
HOSTLER, LEVERE C., Red Lion, Physics.
KORNBLAU, MARVIN J., Philadelphia, Chemistry.
LEBOY, PHOEBE S., Philadelphia, Biochemistry.
MCCAULLY, RONALD J., West Lawn, Chemistry.
MEYER, VINCENT D., McKees Rocks, Chemistry.
MORGAN, CHARLES R., Plymouth, Chemistry.
MORLOCK, HENRY C., Jr., Philadelphia, Psychology.
MOTT, THOMAS E., State College, Mathematics.
PAWLING, JOHN, State College, Geography.
REIFF, LOUIS P., Ashland, Chemistry.
ROHRER, JOAN H., Pittsburgh, Mathematics.
RUSSO, THOMAS J., State College, Chemistry.
SEPAN, ANTHONY V., Philadelphia, Mathematics.
SIEBER, JAMES L., Blairs Mills, Mathematics.
SMOLENSKY, EUGENE, Philadelphia, Econometrics.
SQUIRES, BURTON E., Jr., State College, Physics.
STAFFORD, HOWARD A., Jr., West Chester, Geography.
STELTER, CHARLES J., Pittsburgh, Psychology.
SUBASH, JOHN J., Nazareth, Chemistry.
TABER, JULIAN I., Pittsburgh, Psychology.
VOGEL, HARVEY, State College, Earth Sciences.
WILLIAMS, NINA J., Gettysburg, Zoology.
WILLIAMSON, KENNETH D., Jr., Williamsport, Engineering.
ZWIBEL, HARRY, Pittsburgh, Physics.
ZUCKERMAN, JEROLD J., Philadelphia, Chemistry.

Summer Fellowships for Secondary School Teachers

ASHLBER, DANIEL, Philadelphia, Mathematics.
BLECKNER, WILBERT L., Jr., Fallsington, Physics.
BOWERS, ROBERT S., York, Zoology.
BRAXTON, WILBERT L., Philadelphia, Chemistry.
DE BERNARDINIS, ELIZABETH F., Ridley Park, General Biology.
DECK, ROBERT E., Mechanicsburg, Zoology.
DEVINE, Sr. M. ASSUMPTA, O.S.U., Pittsburgh, Biochemistry.
DRUMMOND, Sr. THERESE of the S.H., Philadelphia, General Biology.
EVANS, DAVID C., West Lawn, Botany.
GEHRIS, CLARENCE W., Allentown, Chemistry.
GERMERSHAUSEN, Sr. JOSEPH MARIE, Reading, Chemistry.
HANSEN, ROBERT E., McKean, General Science.
HAYS, HERBERT E., Jr., Mechanicsburg, Zoology.
HELTERRAN, RAYMOND, California, Mathematics.
HOAR, Sr. M. ROSEANNE, Pittsburgh, Zoology.
KNEPP, THOMAS H., Stroudsburg, Zoology.
KUNZLER, Sr. M. CAROLYN, O.S.B., Pittsburgh, Chemistry.
LOVE, EDNA, M., Derry, Mathematics.
MARTINO, JAMES M., Luthersburg, General Science.
PIETRUCH, Sr. M. CANISIA, C.S.B., Reading, Mathematics.
RICHMAN, PAUL T., Media, Mathematics.
RODGERS, JOSEPH K., Coraopolis, General Science.
SABOL, Sr. M. MARGARET, S.S.C.M., Danville, Physics.
SCHUEERMANN, Sr. M. JULIA, R.S.M., Pittsburgh, Chemistry.
SHAAK, ROBERT S., West Lawn, Mathematics.
SHOOK, WILLIAM H., Jr., Harrisburg, Physics.
SKALESKI, Sr. MARY OLGA, Pittsburgh, Physics.
STECKBECK, Sr. JOHN GERTRUDE, Philadelphia, General Biology.
STOVER, H. DEAN, Littlestown, Mathematics.
STROUP, ROBERT H., Mifflintown, General Science.
SUPERDOCK, DAVID A., Freeland, Physics.
UBINGER, Sr. M. TERESE CLARE, O.S.B., Conellsville, Physics.
VAN GORDON, CHARLES L., Lancaster, Mathematics.
WHITELEY, GEORGE C., Jr., Pottstown, General Biology.
YODEB, HAROLD D., Altoona, Zoology.

RHODE ISLAND

Graduate

BEAUDT, ROBERT A., Woonsocket, Chemistry.
BURTON, PAUL E., Warwick, Chemistry.
MOULTON, DAVID M., Providence, Chemistry.
POIRIER, LIONEL A., North Providence, Medical Sciences.
SAVIN, HARRIS B., Providence, Psychology.

Cooperative Graduate

DUFFY, MARCELLUS, Jr., Barrington, Mathematics.
KNUTSON, CHARLES D., Providence, Physics.

MAINE, ELLSWORTH C., Cranston, Agriculture.

Senior Postdoctoral

GREENE, EDWARD F., Providence, Chemistry.

Science Faculty

CLARKE, C. BERNARD, Peace Dale, Engineering.
TEST, FREDERICK, L., Wakefield, Engineering.

Summer Fellowships for Secondary School Teachers

MURPHY, Sr. MARY COLETTE, R.S.M.,¹ Providence, Mathematics.

SOUTH CAROLINA

Graduate

KING, HAROLYN, Marion, Chemistry.

Cooperative Graduate

CANTRELL, THOMAS S., Columbia, Chemistry.
DAVIS, K. JOE, Spartanburg, Mathematics.
FOLEY, JOHN M., Anderson, Psychology.
KELLETT, JAMES C., Jr., Spartanburg, Chemistry.
KELLEY, RALPH E., Greenville, Physics.
STRICKLAND, ERASMUS H., Jr., Columbia, physics.

Postdoctoral

LAURIE, VICTOR W., Columbia, Chemistry.

Science Faculty

BRADBURY, DOUGLAS W., Clemson, Engineering.
FELTON, MARGEURITE N., Charlestown, Chemistry.
HUDSON, WILLIAM G., Clemson, Engineering.

Summer Fellowships for Secondary School Teachers

HORTON, FRANCIS H., Kingstree, Mathematics.
HUBBARD, WILLIAM B., Hyman, Physics.
MOORE, WILLIAM L., Orangeburg, Mathematics.
MOORE, ROBERT H., Harleyville, Mathematics.
PENNEL, FRANCES E., Rock Hill, Zoology.
STROUD, MARY B., Columbia, Chemistry.

SOUTH DAKOTA

Graduate

MINEHART, RALPH C., Mitchell, Physics.
PIERCE, ROBERT L., Huron, Mathematics.
RASMUSSEN, GARY, Clark, Chemistry.

Cooperative Graduate

FISCHBACH, THOMAS J., Rapid City, Sociology.
HURWITZ, CHARLES E., Sioux Falls, Engineering.
LOHE, JEROME J., Raymond, Engineering.

Science Faculty

ESTE, CHARLES R., Vermillion, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

KOENIG, JACK L., Winner, Chemistry.
SCHWARTZ, ALBERT T., Freeman, Chemistry.

Summer Fellowships for Secondary School Teachers

BROWN, JOHN L., Rapid City, Mathematics.
PALMQUIST, DELORIS F., Salem, General Biology.
PROSSER, JAMES B., Vermillion, Mathematics.

TENNESSEE

Graduate

BANKS, THOMAS H., Nashville, Earth Sciences.
CARMICHAEL, HALBERT, Oak Ridge, Chemistry.
COOK, CLARENCE E., Jefferson City, Chemistry.
CULVER, RICHARD S., Oak Ridge, Engineering.
DIETRICH, FRANK S., Memphis, Physics.
GOTTO, ANTONIO M., Nashville, Biochemistry.
KLOW, JANET, Memphis, Biochemistry.
KROHN, KENNETH, Nashville, Physics.
LANIER, RANDOLPH D., Nashville, Chemistry.
MCCORD, MICHAEL C., Knoxville, Mathematics.
MCHARRIS, WILLIAM C., Knoxville, Chemistry.
NUNNALLY, DAVID A., Memphis, Zoology.
REKEMEYER, MARY L., Oak Ridge, Zoology.
WALLACE, WILLIAM J., Clinton, Chemistry.

Cooperative Graduate

ASHLEY, JAMES C., Bristol, Physics.
BEAUCHAMP, NICHOLAS A., Nashville, Physics.
BLOOMER, JAMES L., Knoxville, Chemistry.
DORMAN, ED S., Memphis, Physics.
DREWRY, GEORGE E., Nashville, Zoology.
GRAY, ROBERT I., Knoxville, Engineering.
HEIMBERG, LAURA K., Nashville, Psychology.
HOLLADAY, THOMAS M., Knoxville, Physics.
MCCURE, JOSEPH A., Jr., Nashville, Physics.
MCDANIEL, WILLIAM L., Jefferson City, Mathematical Economics.
RADER, CHARLES P., Greeneville, Chemistry.
SMITH, ALPHONSO L., Memphis, Mathematics.
TODD, AARON W., Murfreesboro, Chemistry.
WOODFIN, BEULAH M., Nashville, Biochemistry.

Postdoctoral

KEY, JOE L., Troy, Biochemistry.

Senior Postdoctoral

VON BORSTEL, ROBERT C., Oak Ridge, Genetics.

Science Faculty

CAMPBELL, ALPHEUS N., Martin, Chemistry.
COLEMAN, JAMES T., Memphis, Zoology.
COPELAND THOMPSON P., Johnson City, Zoology.
FRY, KENNETH A., Chattanooga, Microbiology.
PRESCOTT, WALLACE S., Cookeville, Engineering.
ZEALY, MARION E., Nashville, Biochemistry.

Summer Fellowships for Graduate Teaching Assistants

ANDERSON, ROBERT G., Chattanooga, Chemistry.
FREY, WILLIAM F., Bristol, Physics.

GRINDSTAFF, TEDDY H., Knoxville, Chemistry.
HUGGIN, MARY K., Knoxville, Mathematics.
ROBBINS, HERBERT C., Nashville, Botany.

Summer Fellowships for Secondary School Teachers

AMOS, ELDORA, Memphis, Mathematics.
BECK, Sr. JANE FRANCES, O.P., Memphis, Mathematics.
BEVINGTON, Rev. WILLIAM S., Memphis, Physics.
LAYCOCK, MARY C., Oak Ridge, Mathematics.
SCHRANK, Sr. HYACINTH, Chattanooga, Mathematics.
TURNER, AUBREY E., Memphis, General Science.
TURNER, JUANITA R., Memphis, Mathematics.

TEXAS

Graduate

ABBOTT, WALTER P., Bellaire, Zoology.
ANDERSON, JOHN E., Austin, Engineering.
ANDERSON, LOUIS W., Houston, Physics.
ASHBY, NEIL, Dalhart, Physics.
BARNES, VIRGIL E., Austin, Physics.
BECHTEL, NORBERT G., Jr., Groves, Engineering.
BEYERS, ROBERT J., Austin, Zoology.
BILLIG, LEON O., Houston, Engineering.
BLAND, RICHARD P., Farmersville, Mathematics.
BOTT, JERRY F., Tyler, Engineering.
BRANS, CARL, Dallas, Physics.
CLARK, BARRY G., Canyon, Astronomy.
COLLIER, ROBERT J., Fort Worth, General Biology.
COLLINS, FRANCIS A., Austin, Physics.
CYPRUS, JOEL, Houston, Engineering.
DAHM, DAVID M., Dallas, Physics.
DOLGOFF, ABRAHAM, Houston, Earth Sciences.
GROSS, MEREDITH G., Jr., Amarillo, Earth Sciences.
HANES, HAROLD B., Jr., Fort Worth, Mathematics.
HARRIS, DONALD P., Austin, Engineering.
HEICHELHEIM, HUBERT R., Jr., Victoria, Engineering.
HYDER, MONTE L., Rockdale, Chemistry.
JONES, BENJAMIN F., Houston, Mathematics.
KELLY, WILLIAM F., Sweetwater, Engineering.
LESIKAR, ARNOLD V., Houston, Physics.
MANUEL, THOMAS A., Austin, Chemistry.
MCNELL, MICHAEL B., Houston, Chemistry.
MONGER, JOANNE, Beaumont, Mathematics.
MYERS, RALPH, II, Wichita Falls, Earth Sciences.
NISBET, ALEX R., San Angelo, Chemistry.
OSBORNE, ZACK, Pampa, Physics.
RANDOL, BURTON S., San Antonio, Mathematics.
SIMMONS, MARVIN G., Carrollton, Earth Science.
STOVER, HARRY L., Dallas, Physics.
STREETER, STEPHEN, Houston, Earth Sciences.
STUBBLEFIELD, TRAVIS E., Denton, Medical Sciences.
WEBB, MORTON W., Austin, Psychology.
WILLEY, FRED, Garland, Chemistry.
WILSON, ROBERT W., Houston, Astronomy.
WISDOM, NORVELL E., Jr., Crane, Chemistry.

Cooperative Graduate

ASHCRAFT, THOMAS L., Jr., Austin, Chemistry.
AYERS, ROBERT C., Jr., Fort Worth, Chemistry.
BARLOW, CARL A., San Antonio.
BILYEU, RUSSELL G., Denton, Mathematics.
BROWN, JUDITH C., Bryan, Chemistry.
CLABORN, LUTHER E., Lubbock, Mathematics.
COX, PAUL F., Tyler, Chemistry.
CRAMER, JOHN G., Jr., Houston, Physics.
CUBBRINGTON, AARON M., Bryan, Engineering.
DARBY, RONALD, Dallas, Engineering.
DAVENPORT, MONTY E., Lubbock, Engineering.
DOERING, JOHN P., Dallas, Chemistry.
DURBIN, LEONEL D., Houston, Engineering.
ECONOMY, RICHARD, San Antonio, Physics.
ERMA, VICTOR A., Corpus Christi, Physics.
EVERY, RICHARD L., Austin, Chemistry.
FRITZ, ROSE MARY, Houston, Chemistry.
GRIFFY, THOMAS A., Houston, Physics.
HENDERSON, JAMES R., Mineola, Physics.
HERRON, ELMER W., Houston, Psychology.
HUNTER, FLORA V., Austin, Biochemistry.
KENNEY, MARY A., Slaton, Biochemistry.
KOB, DONALD H., Austin, Physics.
LEE, WILLIAM J., Sweetwater, Engineering.
MARTIN, JAMES N.,¹ Fort Worth, Mathematics.
MONOSTORI, BENEDICT J., Irving, Physics.
MOORE, NEAL, Dallas, Physics.
PAIGE, MARETTA T., San Antonio, Chemistry.
PERRY, PATRICIA L., Corpus Christi, Psychology.
PORTER, RICHARD N., Texarkana, Chemistry.
QUADE, C. RICHARD, Dallas, Physics.
RICHARDSON, RICHARD H., Mexia, Agriculture.
SANDERS, BOBBY L., Canton, Mathematics.
SMITH, HOMER A., Jr., Fort Worth, Chemistry.
STALKUP, FRED I., Bellmead, Engineering.
TOMBELLO, THOMAS A., Jr., Dallas, Physics.
UNDERWOOD, JAMES R., Jr., Corpus Christi, Earth Sciences.
URDY, CHARLES E., Austin, Chemistry.
VOIGHT, MARIAN W., Houston, Microbiology.
WHITEMAN, CHARLES D., Jr., Tyler, Earth Sciences.
WILLIAMS, VICK F., Belton, Medical Sciences.
WORLEY, FRANK L., Jr., Houston, Engineering.

Postdoctoral
CLARK, JOHN W., Lockhart, Physics.
HAY, WILLIAM W., Dallas, Earth Sciences.
KASHY, EDWIN, Houston, Physics.
KINSY, JIMMY L., Midland, Chemistry.
LEADBETTER, EDWARD R., Austin, Microbiology.
WEAVER, JAMES N., College Station, Zoology.

Senior Postdoctoral
LOH, WELLINGTON H. T., Fort Worth, Engineering.
RIGGS, AUSTIN F., Austin, Biochemistry.

Science Faculty
BENNER, CHARLES P., Houston, Mathematics.
BISCHOFF, HARRY W., Seguin, Botany.
DILLON, LAWRENCE S., College Station, Zoology.
ECHOLS, RENETTE B., Austin, Physics.
FOUST, SR. CLAUDE M., San Antonio, Mathematics.

GRAHAM, FREDERICK M., Prairie View, Engineering.
HARDIN, RICHARD L., Beaumont, Chemistry.
HELMERS, DONALD J., Lubbock, Engineering.
HUGGINS, FRANK N., Zephyr, Mathematics.
KIRKWOOD, JAMES I., Prairie View, Agriculture.
KOEPEL, WELLINGTON W., Dallas, Engineering.
KROSCHEWSKY, JULIUS R., Odessa, Zoology.
LOGAN, EARL JR., College Station, Engineering.
MCLEOD, CLAUDE A., Huntsville, Botany.
MARMION, KEITH R., Lubbock, Engineering.
RIGNEY, CARL J., Beaumont, Physics.
STALEY, RAYMOND C., Austin, Earth Sciences.
WARDLAW, ALVIN H., Houston, Mathematics.
WIERUM, FREDERIC A., Houston, Engineering.

Summer Fellowships for Graduate Teaching Assistants
ASHCRAFT, THOMAS L., Jr., Austin, Chemistry.
AVERITT, ROBERT T., Austin, Mathematical Economics.
BORDEN, EUGENE W., Beaumont, Earth Sciences.
CANNON, JOHN R., Houston, Mathematics.
CANTRELL, WALLACE G., College Station, Physics.
CLABORN, LUTHER E., Lubbock, Mathematics.
ELLEGE, JESSE L., Corpus Christi, Chemistry.
FETZER, HOMER D., San Antonio, Physics.
GILL, JACK M., Lufkin, Chemistry.
GROVES, WILLIAM E., Dallas, Biochemistry.
JACKA, ALONZO D., Houston, Earth Sciences.
JENNINGS, ALBERT R., Bryan, Earth Sciences.
JONES, CHARLES E., College Station, Physics.
LOCKE, CARL E., Jr., Austin, Engineering.
PAXSON, JOHN B., College Station, Botany.
POOL, ALEXANDER S., Kirbyville, Earth Sciences.
RESO, ANTHONY, Houston, Earth Sciences.
SHANAHAN, RALPH L., Bryan, Engineering.
SYBERT, JIM R., Morton, Physics.
WELCH, NATHAN E., Baytown, Engineering.

Summer Fellowships for Secondary School Teachers
ADAMS, CARL R., Sr., Liberty, Physics.
ANTHONY, JESSIE M., Houston, General Biology.
BARRETT, ARTHUR T., Sonora, Physics.
BOURQUEIN, RUSSELL L., Lufkin, Chemistry.
CARLSON, KENNETH E., Denton, Mathematics.
CLARKSON, LLAYRON L., Houston, Mathematics.
DE BAULT, MARY E., Austin, Mathematics.
DE SHAZO, CHARLES W., Sheridan, Mathematics.
ESTERGARD, LE ROY C., Agua Dulce, Mathematics.
FOX, AUGUSTA M., Dallas, Mathematics.
FOX, REX E., Dumas, Mathematics.
HARRIS, ORVILLE B., Houston, Mathematics.
HENDRIX, MARY B., Grand Prairie, Mathematics.
HOLLIMAN, BILLY C., Gladewater, Zoology.
JOHNSON, JOEL M., Baytown, Zoology.
KITCHEN, JAMES W., Port Neches, General Science.
LOWRANCE, HAZEL M., Port Arthur, Mathematics.
MILLER, Sr., M. CHRYSOSTOM, O. P., Houston, Mathematics.

MORTON, GWYN H., Dallas, General Science.
NEY, DONALD P., Crosby, Mathematics.
NORMAN, MARY R., Webster, Mathematics.
OWENS, CHARLES W., Dallas, General Science.
PETRI, ANTHONY, JR., Devine, General Biology.
RADFORD, GRACE E., Quanah, Mathematics.
SHURLEY, D'VOE, Galena Park, Mathematics.
SOWELL, JOHN C., Bloomington, General Science.
WADE, BELA T., Galena Park, Mathematics.
WHITE, ST. MARY CLETUS, Laredo, Chemistry.
WILSON, LOUBERTA B., Houston, Chemistry.
WOOD, ERMA A., Houston, Mathematics.

UTAH

Graduate

BERGESON, HAVEN E., Salt Lake City, Physics.
BREWER, JOHN M., Vernal, Biochemistry.
BROWN, DAVID L., Salt Lake City, Psychometrics.
EVERETT, GLEN E., St. George, Physics.
GILES, EUGENE, Salt Lake City, Anthropology.
ISRAELSEN, BOYD P., Logan, Engineering.
LAWRENCE, GEORGE M., Salt Lake City, Physics.
MORTIMER, ROBERT G., Logan, Chemistry.
PICKERING, RANARD J., Provo, Earth Sciences.
ROSS, KENNETH A., Salt Lake City, Mathematics.
RUNNELLS, DONALD D., Salt Lake City, Earth Sciences.

Cooperative Graduate

ANDERSEN, TERRELL N., Salt Lake City, Chemistry.
BOYACK, JAMES R., Salt Lake City, Chemistry.
CANNON, LAWRENCE O., Logan, Mathematics.
CAPNER, ROBERT L., Salt Lake City, Physics.
COATES, RALPH L., Salt Lake City, Engineering.
CRIDDLE, RICHARD S., Salt Lake City, Biochemistry.
EYRING, EDWARD M., Salt Lake City, Chemistry.
JENSEN, GORDON E., North Salt Lake, Engineering.
JOHNSON, DAVID L., Dugway, Engineering.
JOHNSON, OWEN W., Salt Lake City, Physics.
MONTGOMERY, JOEL K., Provo, Earth Sciences.
OLSEN, JANET MAUDE R., Ogden, Mathematics.
PAUL, EDWARD G., Salt Lake City, Chemistry.
ULRICH, GAIL D., Devils Slide, Engineering.

Postdoctoral

MORTENSEN, EARL M., Salt Lake City, Chemistry.
PINCOCK, RICHARD E., Ogden, Chemistry.

Science Faculty

BISHOP, A. ALVIN, Logan, Engineering.
CLYDE, CALVIN G., Lake City, Engineering.
JONES, LEWIS W., Logan, Microbiology.

Summer Fellowships for Graduate Teaching Assistants

ANDERSEN, TERRELL N., Salt Lake City, Chemistry.
BOYACK, JAMES R., Salt Lake City, Chemistry.

TEERLINK, WILFORD J., Salt Lake City, Chemistry.
WAGNER, RICHARD L., JR., Salt Lake City, Physics.
WISER, HORACE C., Salt Lake City, Mathematics.

VERMONT

Graduate

FINEMAN, JOSEPH C., Shaftsbury, Physics.
NORCROSS, BRUCE E., Island Pond, Chemistry.
SARGENT, G. DANN, Barre, Chemistry.
VILLERS, PHILIPPE, Bellows Falls, Engineering.

Science Faculty

HARTNETT, JOHN C., Burlington, Medical Science.
SAUL, GEORGE B., Norwich, Zoology.
TUTHILL, ARTHUR F., Willistown, Engineering.

Summer Fellowships for Secondary School Teachers

THERRIEN, ST. MARTHA FRANCIS, Swanton, Mathematics.

VIRGINIA

Graduate

ADAMS, JOHN B., Charlottesville, Physics.
BAILEY, ROBERT E., Arlington, Chemistry.
GARRICK, MICHAEL D., Hampton, Biochemistry.
GOOGE, WILLIAM D., Arlington, Mathematics.
GRAY, FRANCES E., Richmond, Chemistry.
HALEY, JOSEPH A., Ashland, Mathematics.
JOLLY, H. PAUL, JR., Richmond, Physics.
LIGHT, ROBLEY J., Roanoke, Chemistry.
MURRAY, JOSEPH J. JR., Lexington, Genetics.
RENNINGER, GEORGE H., Fredericksburg, Physics.
STARNES, WILLIAM H., JR. Ewing, Chemistry.
THOMPSON, JOSEPH B., Arlington, Medical Science.
WAMPLER, JESSE M., Linville, Earth Science.

Cooperative Graduate

BARNARD, MARLENE B., Richmond, Chemistry.
BOWEN, LAWRENCE H., Lynchburg, Chemistry.
DENNIS, ROBERT T., Falls Church, Earth Science.
FLOURNOY, PHILIP A., Charlottesville, Physics.
GIBERT, ANNE J., Arlington, Zoology.
HOLOVIAK, DENNIS, Vienna, Physics.
JOHNSON, CARL R., Orange, Chemistry.
LOBE, LYDIA R., Manassas, Mathematics.
MCCLANAHAN, CHARLENE, Grundy, Genetics.
MCDIARMID, ROBERT C., Vienna, Engineering.
PENNEY, CARL M., Newport News, Engineering.
PENNINGTON, JOHN T., Fairfax, Chemistry.
PLEASANTS, BEVERLY A., Richmond, Genetics.
QUESENBERRY, CHARLES P., Centerville, Mathematics.
SETTLES, RONALD D., Blacksburg, Physics.
SHULL, DON L., Fredericksburg, Chemistry.
STONE, J. CONLEY, Bassett, Engineering.
THOMAS, KEITH S., Weyers Cave, Physics.

YEATTS, VIRGINIA D., Meadows of Dan, Ge-
netics.

Postdoctoral

FLANAGAN, JOHN F., Blacksburg, Medical
Sciences.

ROSENBLUM, MARVIN, Charlottesville, Mathe-
matics.

Science Faculty

DAVIS, ROBERT L., Charlottesville, Mathe-
matics.

KAPP, MARY E., Richmond, Chemistry.

KENDALL, HARRY W., Emory, Physics.

PACE, W. EMORY, Blacksburg, Mathematics.

PAP, ARPAD A., Blacksburg, Engineering.

UPDIKE, OTIS L., Jr., Charlottesville, Phys-
ical Sciences General.

Summer Fellowships for Graduate Teach- ing Assistants

GARLAND, JAMES W., Jr., Arlington, Physics.

JOHNSTON, NORMAN J., Charlottesville, Chemistry.

NEWSOME, ROSS W., Jr., Ettrick, Physics.

Summer Fellowships for Secondary School Teachers

BECKER, MARIANA R., Norfolk, Chemistry.

BENSON, WILLIAM L., Arlington, Mathe-
matics.

GRABEEL, J. GENE, Ewing, General Science.

HILLMAN, THOMAS P., Arlington, Mathe-
matics.

HODGE, ROBERT A., Fredericksburg, General
Science.

JAMESON, RICHARD E., Arlington, Mathe-
matics.

MCCULLOUGH, JAMES M., Arlington, Chem-
istry.

PACKARD, HARRY B., Arlington, Physics.

SCOTT, MARY J., Shipman, General Biology.

WOOD, MARY L., Arlington, Zoology.

WASHINGTON

Graduate

ARMSTRONG, RICHARD L., Seattle, Earth Sci-
ences.

BIRKELAND, PETER W., Bellevue, Earth Sci-
ences.

BRAUN, ROBERT L., Issaquah, Chemistry.

BROOKS, FLOYD L., Jr., Seattle, Chemistry.

BROWN, RONALD E., Everett, Physics.

CHANG, DAVID B., Seattle, Physics.

CRASWELL, KEITH J., Port Orchard, Mathe-
matics.

CRICHTON, JAMES H., Seattle, Physics.

ESPER, HILDEGARD, Seattle, Genetics.

FAHRNEY, DAVID E., Tacoma, Biochemistry.

FIDDLER, RICHARD W., Kirkland, Physics.

FLEMING, RONALD F., Aberdeen, Engineer-
ing.

HSU, ROBERT W., Seattle, Mathematical Lin-
guistics.

JENKINS, DAVID A., Seattle, Engineering.

JOHNSON, DEAN M., Tacoma, Earth Sciences.

KUEHL, LE ROY, Cook, Biochemistry.

LANPHERE, MARVIN A., Spokane, Earth Sci-
ences.

LARSON, DONALD C., Seattle, Engineering.

LEPSE, PAUL A., Seattle, Chemistry.

LUBAN, MARSHALL, Seattle, Physics.

MACLAREN, M. DONALD, Seattle, Mathe-
matics.

MCNEILL, DALE, Tacoma, Physics.

MILLER, RONALD E., Seattle, Mathematical
Economics.

PEEKEMA, RICHARD M., Pullman, Chemistry.

SAGLE, ARTHUR A., Seattle, Mathematics.

SHACKLEFORD, WILLIAM L., Seattle, Engi-
neering.

TOBLER, WALDO R., Tacoma, Geography.

WRIGHT, JON A., Tacoma, Physics.

YOWELL, CAROL E., Seattle, Physics.

Cooperative Graduate

BISHOP, NANCY H., Wapato, Microbiology.

CALVO, JOSEPH M., Seattle, Biochemistry.

FAIBCHILD, CLIFFORD E., Seattle, Physics.

HARDY, ROBERT J., Port Angeles, Physics.

HARRIS, THOMAS, Seattle, Chemistry.

HOWES, WILLIAM V., Tacoma, Biochemistry.

JOHNSON, LAWRENCE D., Tacoma, Engineer-
ing.

LOBRE, THOMAS R., Vancouver, Physics.

MATHEWS, WILLIAM G., Wenatchee, Physics.

MCDANIELS, DAVID K., Seattle, Physics.

MCINTYRE, DAVID H., Renton, Earth Sciences.

PARKS, JACK G., Seattle, Physics.

PERESSINI, ANTHONY L., Pullman, Mathe-
matics.

REPLOGLE, LANNY L., Seattle, Chemistry.

ROBINSON, RICHARD C., Seattle, Engineering.

SCHMIDT, VICTOR HUGO, Seattle, Physics.

THORNTON, JOHN A., Seattle, Engineering.

ULRICH, MARIAN I., Walla Walla, Microbi-
ology.

WAKE, DAVID B., Parkland, Zoology.

WHITMORE, CHARLES F., Seattle, Engi-
neering.

Postdoctoral

BAYES, KYLE D., Edmonds, Chemistry.

CRAVEN, JAMES M., Seattle, Chemistry.

GETOOR, RONALD K., Seattle, Mathematics.

HUGHES, DANIEL R., Bothell, Mathematics.

MYHRE, PHILIP C., Tacoma, Chemistry.

ROE, DAVID K., Tacoma, Chemistry.

TONKYN, RICHARD G., Seattle, Chemistry

Senior Postdoctoral

EDMONDSON, W. T., Seattle, Zoology.

Science Faculty

COLCORD, JOSIAH E., Jr., Seattle, Earth
Sciences.

GIDEON, EDITH M., Bremerton, Physics.

KINGSTON, J. MAURICE, Seattle, Mathematics.

KNAPMAN, FRED W., Bellingham, Chemistry.

KNOX, RICHARD F., Pullman, Engineering.

SAVEDOFF, LYDIA G., Spokane, Chemistry.

WOOD, REV. FRANCIS P., Seattle, Engineer-
ing.

Summer Fellowships for

Graduate Teaching Assistants

ACTON, HORACE C., Pullman, Microbiology.

LANPHERE, MARVIN A., Spokane, Earth
Sciences.

LINDHOLM, FRED A., Seattle, Engineering.

PEARCE, JACK B., Seattle, Zoology.

PEEKEMA, RICHARD M., Pullman, Chemistry.

WAKE, DAVID B., Parkland, Zoology.

Summer Fellowships for

Secondary School Teachers

AHO, WILLIAM M., Kelso, General Science.

ALEKSEY, VINCENT R., Aberdeen, Mathe-
matics.

ASMAN, SR. MONICA, O.S.F., Winlock, Zool-
ogy.

CAMARA, JOSEPH, E. Wenatchee, Zoology.

CROSS, HAROLD D., Tacoma, Mathematics.

HARRIS, ROBERT L.,¹ Chewelah, Zoology.
LOUDERBACK, HUESTON M., Spokane, Physics.
MERRILL, GERALD E., Enumclaw, Chemistry.
PERRY, JANET L., Ridgefield, Mathematics.
STAKKSTAD, JAMES M., Pasco, Mathematics.

WEST VIRGINIA

Graduate

BURDICK, DONALD S., Huntington, Mathematics.
CAMPBELL, LAURENCE J., Huntington, Physics.
FRAME, ROBERT A., Jr., Charleston, Chemistry.
LAND, HUGH C., Huntington, Zoology.
MANN, JAMES E., Jr., Bluefield, Engineering.
WILLIAMSON, THOMAS G., Bluefield, Physics.

Cooperative Graduate

ARMSTRONG, JAMES C., Parkersburg, Physics.
CHISLER, JOHN A., Mt. Clare, Botany.
GWINN, JOEL A., Morgantown, Physics.
PARDUE, HARRY L., Big Creek, Chemistry.
ROE, DONALD W., Wheeling, Chemistry.
WHEELER, JAMES W., Jr., Fairmont, Chemistry.

Postdoctoral

BAULD, NATHAN L., Clarksburg, Chemistry.

Senior Postdoctoral

NASH, JOHN, Bluefield, Mathematics.

Science Faculty

GILBERT, CHARLES R., Bluefield, Zoology.
POPOVICH, PETER, Morgantown, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

ARMSTRONG, JAMES C., Parkersburg, Physics.
CLARKSON, ROY B., Morgantown, Botany.
COLE, DAVID D., Fairmont, Psychology.
FRAME, ROBERT A., Jr., Charleston, Chemistry.
JEWETT, JOHN G., Huntington, Chemistry.
PACOSKY, EDWARD A., Morgantown, Chemistry.

Summer Fellowships for Secondary School Teachers

BOONE, WELDON W., Sandstone, General Biology.
SIMON, JACK L., Parkersburg, General Science.
SIMON, RUTH F., Parkersburg, Mathematics.

WISCONSIN

Graduate

AITKEN, DONALD W., Jr., Madison, Physics.
BRONIKOWSKI, THOMAS A., Milwaukee, Chemistry.
BUSHNELL, WILLIAM R., Madison, Botany.
HABERSTROH, ROBERT A., Wauwatosa, Physics.
HARRIMAN, JOHN E., Appleton, Chemistry.
HARTMAN, THOMAS F., Oshkosh, Psychology.
HENSEL, GUSTAV, Sheboygan, Mathematics.
HEYERDAHL, NORMAN E., Fond du Lac, Physics.
HOBEN, ALLAN, Milwaukee, Anthropology.
HOUGEN, JON T., Sheboygan, Chemistry.
HUNDHAUSEN, ARTHUR J., Wausau, Physics.
JACOBS, STANLEY J., Hartland, Mathematics.
JONES, EVAN T., Madison, Chemistry.

KADLEC, ROBERT, Racine, Engineering.
KOHLEB, ROBERT E., Jr., Kohler, Chemistry.
LINK, JOHN K., Madison, Physics.
MAKOUS, WALTER, Wauwatosa, Psychology.
MILLER, GERALD R., Milwaukee, Chemistry.
ONTZEL, GEORGE N., Beloit, Engineering.
PEFFERKORN, ELMER R., Jr., Manitowoc, Medical Sciences.
PREIFFER, RUSSELL R., Milwaukee, Engineering.
POMRANING, GERALD C., Oshkosh, Engineering.
ROESSLER, FRED L., Wauwatosa, Physics.
SHARP, TERRY E., La Crosse, Chemistry.
SMITH, DOUGLAS L., Madison, Chemistry.
SMITH, TIMOTHY A., Milwaukee, Psychology.
STEIGELMANN, EDWARD F., Milwaukee, Chemistry.
SUTTON, PAUL W., Sparta, Chemistry.
TREICHEL, PAUL M., Jr., Madison, Chemistry.
WAGNER, EUGENE R., Madison, Chemistry.

Cooperative Graduate

BANASZAK, LEONARD J., Milwaukee, Biochemistry.
BRANDT, JOHN C., Williams Bay, Astronomy.
BRILL, WESLEY A., Beloit, Engineering.
CIRACKS, KENNETH W., West Bend, Earth Sciences.
FREA, JAMES I., Sturgeon Bay, Microbiology.
GOSHAW, ALFRED T., West Bend, Engineering.
HANN, ROBERT A., Mazomanie, Engineering.
HOLBROW, CHARLES H., Madison, Physics.
KRAUSE, EUGENE F., Kenosha, Mathematics.
LEYSIEFFER, FREDERICK W., Wauwatosa, Mathematics.
MARTEN, GORDON C., Wausau, Agriculture.
MEYER, Sr. GREGORY MARIE, O.S.F., Milwaukee, Mathematics.
MUELLER, HELMUT C., Milwaukee, Zoology.
OLSON, GENE E., Bristol, Engineering.
REESE, ERNST S., Madison, Zoology.
SCHMIDT, JOHN E., Port Washington, Engineering.
SOULEN, THOMAS K., Madison, Biochemistry.
STEINHART, JOHN S., Madison, Earth Sciences.
SUTTIE, JOHN W., Ettrick, Biochemistry.
WILLIAMS, MICHAEL C., Waukesha, Engineering.
ZAWADZKI, JOSEPH F., Withee, Chemistry.

Postdoctoral

BURNS, WILLIAM C., Madison, Zoology.
ERNST, FREDERICK J., Jr., Madison, Physics.
HAMMES, GORDON G., Fond du lac, Chemistry.
OHM, JACK E., Milwaukee, Mathematics.
WALECKA, JOHN D., Wauwatosa, Physics.

Senior Postdoctoral

MORRISON, PETER R., Madison, Zoology.
STONE, WILLIAM H., Madison, Genetics.

Science Faculty

BRADISH, JOHN P., Milwaukee, Engineering.
FRASER, LEMUEL A., Madison, Zoology.
KENNINGTON, GARTH S., Appleton, General Biology.
KOCH, GILBERT H., Milwaukee, Biochemistry.
LAY, ANNE B., Milwaukee, Zoology.
MIKOL, EDWARD P., Madison, Engineering.
NELSON, ROGER R., Madison, Engineering.
RIDEOUT, VINCENT C., Madison, Mathematics.

¹ Deceased.

Summer Fellowships for Graduate Teaching Assistants

AUSMAN, JOHN M., Manitowoc, Engineering.
 CIRIACKS, KENNETH W., West Bend, Earth Sciences.
 HANSCHKE, WESLEY J., Madison, Psychology.
 HAZELWOOD, DONALD H., Necedah, Zoology.
 KILIAN, KENNETH C., Juneau, Agriculture.
 KITZE, PAUL T., Lake Geneva, Engineering.
 KRAHANEZEL, CHARLES S., Madison, Chemistry.
 LAW, JOHN JR., Madison, Engineering.
 MAIER, CLIFFORD L., Madison, History of Science.
 NORDMAN, JAMES E., Manitowac, Engineering.
 SEGUIN, CHARLES P., Madison, Mathematics.
 STRUIK, GWENDOLYN J., Madison, Botany.
 THOMPSON, LEE F., Madison, Chemistry.
 WOOLSEY, NEIL F., Madison, Chemistry.
 ZAWADZKI, JOSEPH F., Withee, Chemistry.

Summer Fellowships for Secondary School Teachers

AUSLAND, ROBERT C., Delafield, Chemistry.
 BARTELT, JOHN M., Marlon, Mathematics.
 BAUER, RUSSELL P., Edgerton, Physics.
 BYERS, WILLIAM M., Milwaukee, Mathematics.
 DALTON, LE ROY C., Wauwatosa, Mathematics.
 DALTON, ROBERT E., Oshkosh, Mathematics.
 DOUGLAS, JAMES R., Coleman, Mathematics.
 DUFFY, THOMAS H., Wauwatosa, Mathematics.
 FARRELL, PATRICK J., Green Bay, General Science.
 GALE, CALVIN W., Madison, Physics.
 HAGLUND, ROBERT J., Green Bay, Mathematics.
 HANSON, ROBERT G., Marlon, Mathematics.
 KARNATH, BRUCE A., Mosinee, Chemistry.
 KELLY, ROY E., Kohler, Mathematics.
 KLYSEN, HENRY P., Green Bay, Mathematics.
 KRAUSE, PHILIP L., Racine, Chemistry.
 LARSON, ROBERT G., West Bend, Botany.
 LICHTENBERG, DONOVAN R., Madison, Mathematics.
 MACKERTICH, ALEX, Milwaukee, Mathematics.

NICHOLSON, THOMAS W., Poynette, Earth Sciences.
 OLSON, HERMAN M., Schofield, Mathematics.
 PEACOCK, BENJAMIN N., Wauwatosa, Physics.
 REINDERS, Sr. M. HENRIELLA, Superior, General Biology.
 REYNOLDS, JAMES R., Sturgeon Bay, General Biology.
 STONEBARGER, CHARLES W., Hartland, General Biology.
 WEILBER, JOHN F., Kiel, Mathematics.
 WETAK, HUBERT F., Appleton, Mathematics.
 ZIEGLER, Sr. MARY BRUNO, Marinette, Mathematics.

WYOMING

Graduate

BARNES, WILLIAM C., Casper, Earth Sciences.
 SADDLER, JOHN R., Riverton, Biochemistry.

Cooperative Graduate

HENDERSON, RICHARD N., Casper, Anthropology.
 SCHWID, JULIE D., Laramie, Mathematics.
 SHAVER, FRED H., Laramie, Engineering.
 THOMAS, KATHRYN H., Cody, Medical Sciences.

Postdoctoral

KLEINDIENST, MAXINE R., Worland, Anthropology.

Science Faculty

MULLER, BURTON H., Laramie, Physics.

Summer Fellowships for Graduate Teaching Assistants

HENDERSON, RICHARD N., Casper, Anthropology.

Summer Fellowships for Secondary School Teachers

BEITEL, MILTON J., Casper, General Biology.
 KINZER, RICHARD E., Kinnear, Physics.

PUERTO RICO

Science Faculty Fellowships

FROHNHOEFFER, JOSEPH H., Ponce, Physics.

Institutes Chosen by Fellowship Awardees

[Key to table: A. Cooperative Graduate Fellowship Program. B. Graduate Fellowship Program. C. Postdoctoral Fellowship Program. D. Senior Postdoctoral Fellowship Program. E. Science Faculty Fellowship Program. F. Summer Fellowships for Secondary School Teachers Program. G. Summer Fellowships for Graduate Teaching Assistants Program.]

	A	B	C	D	E	F	G
Alabama, University of, University, Ala.	3	2					2
Alabama Polytechnic Institute, Auburn, Ala.	3						1
Albert Einstein College of Medicine, Yeshiva University, New York, N.Y.			1				
Albertus Magnus College, New Haven, Conn.					1		
American University, Washington, D.C.						2	
Amherst College, Amherst, Mass.					1		
Antioch College, Yellow Springs, Ohio.							1
Arizona State College, Flagstaff, Ariz.					1	2	2
Arizona, University of, Tucson, Ariz.	4	2			1	5	2
Arkansas, University of, Fayetteville, Ark.	4	1			1	4	
Atlanta University, Atlanta, Ga.						2	
Ball State Teachers College, Muncie, Ind.						2	2
Boston College, Chestnut Hill, Mass.						1	
Boston University, Boston, Mass.	4						6
Brandeis University, Waltham, Mass.		1					

Institutes Chosen by Fellowship Awardees—Continued

	A	B	C	D	E	F	G
Brigham Young University, Provo, Utah							1
Brooklyn, Polytechnic Institute of, Brooklyn, N.Y.	4	4					
Brown University, Providence, R.I.	6	5	1		3	1	3
Bryn Mawr College, Bryn Mawr, Pa.	2						2
Buffalo, University of, Buffalo, N.Y.	1	1				1	2
California Institute of Technology, Pasadena, Calif.	15	88	6	2	5		11
California, University of, Berkeley, Calif.	42	86	6	2	19	4	25
California, University of, Davis, Calif.		1	1		1		
California, University of, La Jolla, Calif.		1			1		
California, University of, Los Angeles, Calif.	18	12	1		6	9	3
California, University of, San Francisco, Calif.		1					
California, University of Southern, Los Angeles, Calif.	2	1			2	6	2
Carleton College, Northfield, Minn.						1	
Carnegie Institute of Technology, Pittsburgh, Pa.	10	15					2
Case Institute of Technology, Cleveland, Ohio	5	1			2	1	3
Catholic University of America, Washington, D.C.	1				1	14	
Central Michigan College, Mt. Pleasant, Mich.						1	
Chattanooga, University of, Chattanooga, Tenn.						1	
Chicago, University of, Chicago, Ill.	23	57	4		7	2	16
Cincinnati, University of, Cincinnati, Ohio.	1					2	3
Clark University, Worcester, Mass.	1					1	1
Clarkson College of Technology, Potsdam, N.Y.						1	
Clemson Agricultural College, Clemson, S.C.						1	
Colby College, Waterville, Maine.						1	
Colgate University, Hamilton, N.Y.						1	
Colorado School of Mines, Golden, Colo.	1	1					
Colorado State College of Education, Greeley, Colo.					1	5	
Colorado State University, Fort Collins, Colo.					1	1	
Colorado, University of, Boulder, Colo.	7	4			3	21	5
Columbia University, New York, N.Y.	29	41	4	2	3	14	11
Columbia University Teachers College, New York, N.Y.		1					
Connecticut, Teachers College of, New Britain, Conn.						1	
Connecticut, University of, Storrs, Conn.	4						2
Cornell University, Ithaca, N.Y.	32	25	3		5	7	14
Dartmouth College, Hanover, N.H.		1					
Delaware, University of, Newark, Del.	7	2				1	
Denver, University of, Denver, Colo.						1	
De Paul University, Chicago, Ill.						2	
Detroit, University of, Detroit, Mich.						6	
Drake University, Des Moines, Iowa.						3	
Duke University, Durham, N.C.	1	5	1		1	4	4
Duquesne University, Pittsburgh, Pa.	1						
Emory University, Atlanta, Ga.	3	1				3	2
Evansville College, Evansville, Ind.						1	
Florida State University, Tallahassee, Fla.	5	5			1	5	3
Florida, University of, Gainesville, Fla.	6	4			2	5	2
Fordham University, New York, N.Y.	6	2				16	4
Fort Valley State College, Fort Valley, Ga.						1	
Georgia Institute of Technology, Atlanta, Ga.	6	3			3		1
Georgia, University of, Athens, Ga.	2					2	2
Georgetown University, Washington, D.C.	1	1					2
George Washington University, Washington, D.C.	2		2			3	1
Gonzaga University, Spokane, Wash.						1	
Harvard University, Cambridge, Mass.	21	177	11	2	10	10	9
Hawaii, University of, Honolulu, Hawaii.	1			1	1	2	
Hendrix College, Conway, Ark.					1		
Hofstra College, Hempstead, N.Y.						1	
Holy Cross, College of the, Worcester, Mass.						1	
Houston, University of, Houston, Tex.	4	1				1	
Idaho, College of, Caldwell, Idaho.						1	
Idaho, University of, Moscow, Idaho.						2	
Illinois Institute of Technology, Chicago, Ill.	8	3			1	1	5
Illinois, University of, Urbana, Ill.	47	27	2		12	7	33
Immaculate Heart College, Los Angeles, Calif.						1	
Indiana University, Bloomington, Ind.	9	9	2		3	10	3
Institute for Advanced Study, Princeton, N.J.			18	3	2		
Iowa State University of Science and Technology, Ames, Iowa.	21	4			5		5
Iowa State, University of, Iowa City, Iowa.	12	4			4	4	8
Iowa State Teachers College, Cedar Falls, Iowa.						3	
John Carroll University, Cleveland, Ohio.						1	
Johns Hopkins University, Baltimore, Md.	9	22	4				4
Kansas State College, Manhattan, Kans.					1		
Kansas State College of Agriculture and Applied Science, Manhattan, Kans.		1					
Kansas State Teachers College, Pittsburg, Kans.						1	
Kansas State Teachers College, Emporia, Kans.						5	
Kansas State University, Manhattan, Kans.	7						5
Kansas, University of, Lawrence, Kans.	8	8			2	2	5
Kent State University, Kent, Ohio.						1	
Kentucky, University of, Lexington, Ky.	11	1			1	2	3
Knox College, Galesburg, Ill.						1	
Lamar State College of Technology, Beaumont, Tex.						1	
Lehigh University, Bethlehem, Pa.	5				1	1	2
Long Beach State College, Long Beach, Calif.						1	

Institutes Chosen by Fellowship Awardees—Continued

	A	B	C	D	E	F	G
Louisiana State University and Agri. and Mech. College	9	1			1	1	6
Louisville, University of, Louisville, Ky.	3						1
Loyola University, Chicago, Ill.	3	2					2
Loyola University, Los Angeles, Calif.						1	
Marquette University, Milwaukee, Wis.						7	
Maryland, University of, College Park, Md.	9					9	7
Massachusetts Institute of Technology, Cambridge, Mass.	46	103	4	1	8	1	28
Medical College of Virginia, Richmond, Va.	1						
Miami, University of, Coral Gables, Fla.		1			1		
Michigan State University of Agriculture and Applied Sciences, East Lansing, Mich.	20	2			4		12
Michigan, University of, Ann Arbor, Mich.	41	31			9	11	22
Midwestern University, Wichita Falls, Tex.						1	
Minnesota, University of, Minneapolis, Minn.	28	15			5	8	16
Mississippi College, Clinton, Miss.						1	
Mississippi, University of, University, Miss.						2	
Missouri, University of, Columbia, Mo.	11					2	7
Montana State College, Bozeman, Mont.						3	
Montana State University, Missoula, Mont.						2	
Morehead State College, Morehead, Ky.						1	
Morgan State College, Baltimore, Md.						1	
Nebraska State Teachers College, Wayne, Nebr.						1	
Nebraska, University of, Lincoln, Nebr.	7	3				3	5
New Hampshire, University of, Durham, N.H.						1	
New Mexico Highlands University, Las Vegas, N. Mex.		1				1	
New Mexico, University of, Albuquerque, N. Mex.	2				1	1	1
New School for Social Research, New York, N.Y.	1						
New York State University of, College for Teachers at Albany, N.Y.							
New York State, University of, Syracuse, N.Y.					2	1	
New York State, University of, Teachers College at New Paltz							
New York University, New York, N.Y.	30	3	1		4	1	3
North Carolina, Agricultural and Technical College of, Greensboro, N.C.						6	
North Carolina College, Durham, N.C.						1	
North Carolina State College of Agriculture and Engineering Raleigh, N.C.		1					
North Carolina State College, Raleigh, N.C.	8				1		6
North Carolina, University of, Chapel Hill, N.C.	7	7			2	6	5
North Dakota Agricultural College, State College, N. Dak.						1	
North Dakota, University of, Grand Forks, N. Dak.	1					3	1
North Texas State College, Denton, Tex.						2	
Northeast Missouri State Teachers College, Kirksville, Mo.						1	
Northwestern State College of Louisiana, Natchitoches, La.						1	
Northwestern University, Evanston, Ill.	12	7			2	1	5
Northwestern University, Stranewey Laboratory, England.			1				
Notre Dame, University of, Notre Dame, Ind.	7	3			1	48	2
Ohio State University, Columbus, Ohio.	31	7			4	7	23
Ohio University, Athens, Ohio.						2	
Oklahoma City University, Okla.						1	
Oklahoma State University of Agriculture and Applied Science		4				8	
Oklahoma State University, Stillwater, Okla.	8				5		6
Oklahoma, University of, Norman, Okla.	7	5			3	24	3
Oregon State College, Corvallis, Oreg.	10		1	1	1	6	6
Oregon, University of, Eugene, Oreg.	2	2				5	1
Pacific, College of the, Stockton, Calif.						8	
Pennsylvania State University, University Park, Pa.	21	7	3		3	14	14
Pennsylvania, University of, Philadelphia, Pa.	13	3			2	6	9
Pittsburgh, University of, Pittsburgh, Pa.	12				3	5	6
Princeton University, Princeton, N.J.	17	71	4	1	10	1	9
Purdue University, Lafayette, Ind.	35	4			8	12	17
Queens College, New York					1		
Radcliffe College, Cambridge, Mass.	3	13					1
Reed College, Portland, Oreg.						1	
Rensselaer Polytechnic Institute, Troy, N.Y.	6	3			1		5
Rice Institute, Houston, Tex.	6	7			2		3
Rochester, University of, Rochester, N.Y.	8	3			1	2	6
Rockefeller Institute, New York City, N.Y.			3				
Rutgers, The State University, New Brunswick, N.J.	6	1			1	2	9
St. Bonaventure University, St. Bonaventure, N.Y.						1	
St. Johns University, Brooklyn, N.Y.						1	
St. Louis University, St. Louis, Mo.	5	3			1	16	3
San Francisco State College, San Francisco, Calif.						1	
San Jose State College, San Jose, Calif.						2	
South Carolina, University of, Columbia, S.C.	1					1	
South Dakota State College of Agriculture and Mechanical Arts, Brookings, S. Dak.							1
South Dakota, University of, Vermillion, S. Dak.						12	
Southern Illinois University, Carbondale, Ill.						1	
Southern Methodist University, Dallas, Tex.						2	
Southern Oregon College, Ashland, Oreg.						1	
Stanford University, Stanford, Calif.	21	44	2		19	6	14
State College of Washington, Pullman, Wash.	6	1			1	2	5

Institutes Chosen by Fellowship Awardees—Continued

	A	B	C	D	E	F	G
State Teachers College, East Stroudsburg, Pa.						1	
Stevens Institute of Technology, Hoboken, N. Y.					2		
Syracuse University, Syracuse, N. Y.	5				2	6	6
Temple University, Philadelphia, Pa.	3						2
Tennessee, University of, Knoxville, Tenn.	8	3			1	1	2
Texas, Agricultural and Mechanical College of, College Station, Tex.	1				2	4	7
Texas College of Arts and Industry, Kingsville, Tex.						1	
Texas Southern University, Houston, Tex.						1	
Texas, University of, Austin, Tex.	18	8			3	9	8
Trinity College, Hartford, Conn.						1	
Tufts University, Medford, Mass.						1	
Tulane University, New Orleans, La.	3						2
Tuskegee Institute, Tuskegee, Ala.						1	
Utah State University, Logan, Utah.	3						
Utah, University of, Salt Lake City, Utah	10	1			1	2	5
Ursuline College, Louisville, Ky.						1	
Vanderbilt University, Nashville, Tenn.	5	1					3
Vermont, University of, Burlington, Vt.					1		
Villanova University, Villanova, Pa.						1	
Virginia Polytechnic Institute, Blacksburg, Va.	4	1			1	1	
Virginia, State College, Petersburg, Va.						2	
Virginia, University of, Charlottesville, Va.	6	3			1	2	2
Washington University, St. Louis, Mo.	7	4	1			4	3
Washington, University of, Seattle, Wash.	13	11	1		8	3	2
Wayne State University, Detroit, Mich.	6					6	
Wesleyan College, Macon, Ga.						1	
Wesleyan University, Middletown, Conn.						4	
West Virginia University, Morgantown, W. Va.	2						3
Western Illinois University, Macomb, Ill.						3	
Western Michigan University, Kalamazoo, Mich.						3	
Western Reserve University, Cleveland, Ohio.	3	1	1			3	3
William and Mary, College of, Williamsburg, Va.						1	
Wisconsin, University of, Madison, Wis.	44	33	1	2	11	32	32
Wittenberg College, Springfield, Ohio.						1	
Worcester Polytechnic Institute, Worcester, Mass.						1	
Wyoming, University of, Laramie, Wyo.	3					8	
Xavier University, Cincinnati, Ohio.						1	
Yale University, New Haven, Conn.	17	31	1	3	6	2	12

Foreign Institutions

	Graduate	Post-doctoral	Senior post-doctoral	Science faculty
Aix-Marseilles, University of, France.				1
Amsterdam, University of, Netherlands.			2	
Basel, University of, Switzerland.		3	1	
Bern, University of, Switzerland.		1	1	
Birmingham, University of, England.		1		1
Bonn, University of, Germany.		1	1	
Bristol, University of, England.		1		
British Columbia, University of, Canada.				2
Cambridge, University of, England.	5	12	10	4
College de France, France.		1	3	
Cologne, University of, Germany.			1	
Copenhagen, University of, Denmark.		9	6	2
Durham, University of, England.				1
Ecole Polytechnique, France.		1		
Frankfurt, University of, Germany.		1		
Free University of Brussels, Belgium.		4		1
Geneva, University of, Switzerland.		1	2	1
Glasgow, University of, Scotland.		1		2
Goethe University, Germany.		1		
Gottingen, University of, Germany.		1		
Grenoble, University of, France.			1	
Heidelberg, University of, Germany.		2		1
Helsinki, University of, Finland.			1	
Innsbruck, University of, Austria.				1
Institute of Theoretical Physics, Netherlands.		1		
Karolinska Institute, Sweden.		2	2	
Leeds, University of, England.		1		
Liverpool, University of, England.		1		
London, University of, England.			14	3
Lovanium, University of, Belgian Congo.				1
Lucknow University, India.		1		
Manchester, University of, England.		2		
Melbourne, University of, Australia.				1
Milan, University of, Italy.			1	

Foreign Institutions—Continued

	Graduate	Post-doctoral	Senior post-doctoral	Science faculty
Munich, University of, Germany		2	1	3
Munster, University of, Germany		1		
Nancy, University of, France		1		
Nottingham, University of, England		1		
Oxford, University of, England	6	8	4	1
Paris, University of, France	1	9	1	1
Pavia, University of, Italy			2	
Philippines, University of, Republic of the Philippines			1	
Pisa, University of, Italy				1
Politecnico di Milano, Italy			1	
Queensland, University of, Australia			1	1
Reading, University of, England			1	1
Rhodesia, University College of, Southern Rhodesia			1	
Rome, University of, Italy				1
Rothamsted Experimental Station, England		1		
San Marcos, University of, Peru			1	
Sheffield, University of, England				1
Stockholm, University of, Sweden		5		1
Strasbourg, University of, France			2	
Swiss Federal Institute of Technology, Switzerland		1	4	1
Sydney, University of, Australia		1		
Technical College at Delft, Netherlands				2
Technische Hochschule, Barunschweig, Germany				1
Technische Hochschule, Munich, Germany		2		1
Technische Hochschule, Stuttgart, Germany		2		
Toronto, University of, Canada				1
Tubingen, University of, Germany		2		
Uppsala, University of, Sweden		1		1
Utrecht, University of, Netherlands			3	
Weizmann Institute of Science, Israel		1		
Zurich, University of, Switzerland	1	1	1	1

Present or Most Recent Institutional Affiliation of Individuals Offered National Science Foundation Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships

	Science faculty	Senior post-doctoral	Post-doctoral
Adelphi College, Garden City, N.Y.	1		
Agricultural and Mechanical College of Texas, College Station, Tex.	4		
Agricultural and Technical College of North Carolina, Greensboro, N.C.	3		
Alabama Polytechnic Institute, Auburn, Ala.	3		
Alaska, University of, College, Alaska	3		
Albert Einstein College of Medicine, Yeshiva University, New York, N.Y.		1	
Antioch College, Yellow Springs, Ohio	1		
Arizona State University, Tempe, Ariz.	1		
Arizona, University of, Tucson, Ariz.	2		
Arkansas, University of, Fayetteville, Ark.	1		
Baldwin-Wallace College, Berea, Ohio	1		
Baltimore Junior College, Baltimore, Md.	1		
Barnard College, New York City, N.Y.	1		
Bethany College, Lindsborg, Kans.	1		
Bethune-Cookman College, Daytona Beach, Fla.	1		
Birmingham-Southern College, Birmingham, Ala.	1		
Bluefield State College, Bluefield, W. Va.	1		
Boston College, Chestnut Hill, Mass.	1		
Bowdoin College, Brunswick, Maine	1		
Bowling Green State University, Bowling Green, Ohio	1		
Brandeis University, Waltham, Mass.		1	3
Bridgeport, University of, Bridgeport, Conn.	1		
Brookhaven National Laboratory, New York, N.Y.		2	
Brooklyn College, Brooklyn, N.Y.	1	1	
Brown University, Providence, R.I.	1	1	
Bryn Mawr College, Bryn Mawr, Pa.	1		
Buffalo, University of, Buffalo, N.Y.		1	1
Burlington College, Burlington, Iowa	1		
Butler University, Indianapolis, Ind.	1		
California Institute of Technology, Pasadena, Calif.		2	7
California State Polytechnic College, San Luis Obispo, Calif.	1		
California, University of, Berkeley, Calif.	3	3	15
California, University of, Davis, Calif.		2	
California, University of, Los Angeles, Calif.	1	2	8
California, University of, Riverside, Calif.	2		
California, University of Southern, Los Angeles, Calif.		2	

*Present or Most Recent Institutional Affiliation of Individuals Offered
National Science Foundation Science Faculty, Senior Postdoctoral, and
Postdoctoral Fellowships—Continued*

	Science faculty	Senior post- doctoral	Regular post- doctoral
Calvin College, Grand Rapids, Mich.	2		
Cambridge, University of, Cambridge, England			1
Carleton College, Northfield, Minn.	1		
Carnegie Institute of Technology, Pittsburgh, Pa.			1
Case Institute of Technology, Cleveland, Ohio	2		
Catholic University of Puerto Rico, Ponce, Puerto Rico	1		
Cedarville College, Cedarville, Ohio	1		
Central Michigan College, Mount Pleasant, Mich.	1		
Cerritos Junior College, Norwalk, Calif.	1		
Chance Vought Aircraft, Fort Worth, Tex.		1	
Chattanooga, University of, Chattanooga, Tenn.	1		
Chicago, University of, Chicago, Ill.	2	3	13
Chico State College, Chico, Calif.	1		
Cincinnati, University of, Cincinnati, Ohio	2		
Clemson Agricultural College, Clemson, S.C.	2		
Colby Junior College for Women, New London, N.H.	1		
Colorado College, Colorado Springs, Colo.	1		
Colorado, University of, Boulder, Colo.	1	1	
Columbia University, New York City, N.Y.	1	2	11
Connecticut College, New London, Conn.	3		
Connecticut, University of, Storrs, Conn.	1		1
Cooper Union, New York, N.Y.	1		
Copenhagen, University of, Copenhagen, Denmark			1
Cornell University, Ithaca, N.Y.	1	2	2
Cornell University School of Nursing, New York, N.Y.	1		
Creighton University, Omaha, Nebr.	1		
Dartmouth College, Hanover, N.H.	2		
Delaware, University of, Newark, Del.	2		1
Denison University, Granville, Ohio	3		
Denver, University of, Denver, Colo.	1		
Detroit, University of, Detroit, Mich.	1		
Drew University, Madison, N.J.	1		
Drexel Institute of Technology, Philadelphia, Pa.	1		
Duke University, Durham, N.C.		2	2
East Tennessee State College, Johnson City, Tenn.	1		
East Texas State College, East Texas Station, Tex.	1		
El Camino College, El Camino College, Calif.	1		
Eastern Regional Research Laboratory, U.S. Dept. Agri., Philadelphia, Pa.		1	
Emmanuel College, Boston, Mass.	1		
Emory and Henry College, Emory, Va.	1		
Emory University, Atlanta, Ga.	1		
Fairchild Engine Division, Huntington, N.Y.		1	
Florida, University of, Gainesville, Fla.	4		
Fordham University, New York, N.Y.	1		
Fort Hays Kansas State College, Hays, Kans.	1		
Franklin and Marshall College, Lancaster, Pa.	1		
Fullerton Junior College, Fullerton, Calif.	1		
George Washington University, Washington, D.C.	1		
Georgia Institute of Technology, Atlanta, Ga.	2		
Georgia, University of, Athens, Ga.	1	1	
Gettysburg College, Gettysburg, Pa.	1		
Gonzaga University, Spokane, Wash.	1		
Grambling College, Grambling, La.	1		
Harvard University, Cambridge, Mass.	1	2	13
Haverford College, Haverford, Pa.	1		
Hawaii, University of, Honolulu, Hawaii	1		
Hendrix College, Conway, Ark.	1		
Hofstra College, Hempstead, Long Island, N.Y.	1		
Houston, University of, Houston, Tex.	2		
Humboldt State College, Arcata, Calif.	2		
Idaho State College, Pocatello, Idaho	1		
Idaho, University of, Moscow, Idaho	1		
Illinois Institute of Technology, Chicago, Ill.	1		
Illinois State Normal University, Normal, Ill.	1		
Illinois, University of, Urbana, Ill.	2		9
Incarinate Word College, San Antonio, Tex.	1		
Indiana State Teachers College, Terre Haute, Ind.	1		
Indiana University, Bloomington, Ind.	4	1	3
Institute for Advanced Study, Princeton, N.J.			2
Institute Henri-Poincare, Paris, France			1
Iowa State University of Science and Technology, Ames, Iowa	4	1	
Iowa State Teachers College, Cedar Falls, Iowa	1		
Iowa, State University of, Iowa City, Iowa			2
Jamestown Community College, Jamestown, N.Y.	1		
Johns Hopkins University, Baltimore, Md.		1	2
Kansas State College of Agriculture and Applied Science, Manhattan, Kans.	1		
Kansas, University of, Lawrence, Kans.			

*Present or Most Recent Institutional Affiliation of Individuals Offered
National Science Foundation Science Faculty, Senior Postdoctoral, and
Postdoctoral Fellowships—Continued*

	Science faculty	Senior post- doctoral	Regular post- doctoral
Kenyon College, Gambier, Ohio.....	1		
King's College, London, England.....			1
Lake States Forest Experimental Station, U.S. Dept. Agri., St. Paul, Minn.		1	
Lamar State College of Technology, Beaumont, Tex.....	3		
Lawrence College, Appleton, Wis.....	1		
Lawrence College, Sarah, Bronxville, N.Y.....	1		
Leeds, University of, Leeds, England.....			1
Lehigh University, Bethlehem, Pa.....	1		1
Lincoln University, Lincoln University, Pa.....	1		
Louisiana Polytechnic Institute, Ruston, La.....	3		
Louisiana State University and Agricultural and Mechanical College, New Orleans, La.....	1		
Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La.....		1	
Macalester College, St. Paul, Minn.....	1		
Manhattan College, New York, N.Y.....	1		
Mankato State College, Mankato, Minn.....	1		
Marquette University, Milwaukee, Wis.....	1		
Mary Washington College of the University of Virginia, Fredericksburg, Va.....	1		
Maryknoll Seminary, Glen Ellyn, Ill.....	1		
Maryland, University of, College Park, Md.....	1	1	3
Massachusetts General Hospital, Boston, Mass.....	1	1	
Massachusetts Institute of Technology, Cambridge, Mass.....	2	1	7
Massachusetts State Teachers College, Bridgewater, Mass.....	1		
Massachusetts, University of, Amherst, Mass.....	2		
Meharry Medical College, Nashville, Tenn.....	1		
Michigan State University of Agriculture and Applied Science, East Lansing, Mich.....	5		
Michigan State University, East Lansing, Mich.....			2
Michigan, University of, Ann Arbor, Mich.....	1	2	3
Millsaps College, Jackson, Miss.....	1		
Milwaukee-Downer College, Milwaukee, Wis.....	1		
Minnesota, University of, Minneapolis, Minn.....	3	3	4
Mississippi State University, State College, Miss.....	2		
Missouri, University of, Columbia, Mo.....	1		
Montana State College, Bozeman, Mont.....	3	1	
Morgan State College, Baltimore, Md.....	1		
Mount Mercy College, Pittsburgh, Pa.....	1		
Mount St. Mary's College, Los Angeles, Calif.....	1		
Mundelein College, Chicago, Ill.....	1		
National Bureau of Standards, Washington, D.C.....		2	
National Institutes of Health, Bethesda, Md.....		1	
U. S. Naval Electronic Laboratory, San Diego, Calif.....		1	
Nebraska, University of, Lincoln, Nebr.....	2		
New Hampshire, University of, Durham, N.H.....	1	1	
New Mexico Institute of Mining & Technology, Socorro, N. Mex.....	1	1	
New York, College of the City of, New York, N.Y.....	4		
New York State Teachers College, Oneonta, N.Y.....	1		
New York University, New York, N.Y.....	1		1
Newark College of Engineering, Newark, N.J.....	1		
North Carolina College at Durham, Durham, N.C.....	2		
North Carolina State College, Raleigh, N.C.....			2
North Carolina, University of, Chapel Hill, N.C.....	1		1
Northeast Missouri State Teachers College, Kirksville, Mo.....	1		
Northern Illinois University, DeKalb, Ill.....	1		
Northwest Nazarene College, Nampa, Idaho.....	1		
Northwestern University, Evanston, Ill.....		2	3
Notre Dame of Maryland, Inc., College of, Baltimore, Md.....	1		
Notre Dame, University of, Notre Dame, Ind.....	1	1	1
Oak Ridge National Laboratory, Oak Ridge, Tenn.....	2	1	
Oberlin College, Oberlin, Ohio.....	1		
Odessa College, Odessa, Tex.....	2		
Ohio State University, Columbus, Ohio.....	1	1	2
Oklahoma State University of Agriculture and Applied Science, Still- water, Okla.....	2		
Oklahoma, University of, Norman, Okla.....	1		
Olympic College, Bremerton, Wash.....	1		
Oregon State College, Corvallis, Oreg.....	2		
Panhandle Agricultural and Mechanical College, Goodwell, Okla.....	1		
Paris, University of, Paris, France.....			2
Pasadena City College, Pasadena, Calif.....	1		
Pennsylvania State University, Behrend Campus, Erie, Pa.....	1		
Pennsylvania State University, Hazleton, Pa.....	1		
Pennsylvania State University, State College, Pa.....	2		
Pennsylvania State University, University Park, Pa.....			1
Pennsylvania, University of, Philadelphia, Pa.....	1	1	4
Phoenix College, Phoenix, Ariz.....	2		
Pittsburgh, University of Pittsburgh, Pa.....	3		
Polytechnic Institute of Brooklyn, Brooklyn, N.Y.....	1		
Pomona College, Claremont, Calif.....	1		

Present or Most Recent Institutional Affiliation of Individuals Offered National Science Foundation Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships—Continued

	Science faculty	Senior post-doctoral	Regular post-doctoral
Prairie View Agricultural and Mechanical College, Prairie View, Tex.	2		
Pratt Institute, Brooklyn, N.Y.		1	
Princeton University, Princeton, N.J.	1	1	10
Principia College, Elsau, Ill.	1		
Purdue University, Lafayette, Ind.	5	2	2
Queens College, Flushing, N.Y.	1		
Rensselaer Polytechnic Institute, Troy, N.Y.	2		
Rhode Island, University of, Kingston, R.I.	2		
Rice Institute, Houston, Tex.			2
Rochester, University of, Rochester, N.Y.	2	4	
Russell Sage College, Troy, N.Y.	1		
Rutgers, The State University, New Brunswick, N.J.			1
Sacramento State College, Sacramento, Calif.	1		
St. Cloud State College, St. Cloud, Minn.	1		
St. Joseph's College, Philadelphia, Pa.	1		
St. Louis University, St. Louis, Mo.	1		
St. Mary of the Springs, College of, Columbus, Ohio.	1		
St. Michael's College, Winooski, Vt.	1		
Sam Houston State Teachers College, Huntsville, Tex.	1		
San Francisco State College, San Francisco, Calif.	1		
San Luis Obispo Junior College, San Luis Obispo, Calif.	1		
Sarah Lawrence College, Bronxville, N.Y.	1		
Seattle University, Seattle, Wash.	1		
South Dakota State, University of, Vermillion, S. Dak.	1		
Southern California, University of, Los Angeles, Calif.	1		
Southern Methodist University, Dallas, Tex.	1		
Southwestern College, Winfield, Kans.	1		
Spelman College, Atlanta, Ga.	1		
Stanford University, Stanford, Calif.		1	7
State College of Washington, Pullman, Wash.	1		
Staten Island Community College, Staten Island, N.Y.			
Stockholm, University of, Stockholm, Sweden			1
Swarthmore College, Swarthmore, Pa.	1		
Syracuse University, Syracuse, N.Y.	1		
Talladega College, Talladega, Ala.	1		
Temple University, Philadelphia, Pa.	1		
Tennessee Polytechnic Institute, Cookeville, Tenn.	1		
Tennessee, University of, Martin, Tenn.	1		
Texas Lutheran College, Seguin, Tex.	1		
Texas Southern University, Houston, Tex.	1		
Texas Technological College, Lubbock, Tex.	2		
Texas, University of, Austin, Tex.	1	1	2
Trinity College, Washington, D.C.	1		
Tufts University, Medford, Mass.	2		
Tulane University, New Orleans, La.			1
Union College and University, Schenectady, N.Y.	1		
Union Junior College, Cranford, N.J.	1		
U.S. Nutrition Laboratory, Dept. of Agri., Ithaca, N.Y.		1	
U.S. Salinity Laboratory, Dept. of Agri., Riverside, Calif.		1	
Utah State University of Agriculture and Applied Science, Logan, Utah.	2		
Utah, University of, Salt Lake City, Utah	1		1
Vassar College, Poughkeepsie, N.Y.	2		
Vermont and State Agricultural College, University of, Burlington, Vt.	1		
Virginia Polytechnic Institute, Blacksburg, Va.	2		
Virginia, University of, Charlottesville, Va.	2		1
Wake Forest College, Winston-Salem, N.C.	1		
Washington and Jefferson College, Washington, Pa.	1		
Washington University, St. Louis, Mo.	1	1	8
Washington, University of, Seattle, Wash.	2	1	2
Wayne State University, Detroit, Mich.		1	
Webster College, Webster Groves, Mo.	1		
Wellesley College, Wellesley, Mass.	1		
West Virginia, University, Morgantown, W. Va.	1		
Western Illinois University, Macomb, Ill.	1		
Western Maryland College, Westminster, Md.	1		
Western Michigan University, Kalamazoo, Mich.	1		
Western Reserve University, Cleveland, Ohio.		2	1
Western Washington College of Education, Bellingham, Wash.	1		
Westmont College, Santa Barbara, Calif.	1		
William Jewell College, Liberty, Mo.	1		
William and Mary, College of, Richmond Professional Institute, Richmond, Va.	1		
William and Mary, College of, Norfolk, Va.	1		
Wisconsin, University of, Madison, Wis.	4	2	5
Wisconsin, University of, Milwaukee, Wis.	1		
Wittenberg College, Springfield, Ohio.	1		
Woman's College of the University of N.C., Greensboro, N.C.	1		
Wyoming, University of, Laramie, Wyo.	1		
Yale University, New Haven, Conn.		3	6