

APPENDIX E

Fellowship Awards Offered

National Science Foundation Fellowship Awards, by Type and Field, Fiscal Year 1960

Field	Graduate	Cooper- ative graduate	Graduate teaching assistants	Post- doctoral regular	Post- doctoral senior	Science faculty	Second- ary teachers	Total
Life Sciences:								
Agriculture.....	4	17	8	1	1	4	0	35
Anthropology.....	19	4	7	6	1	0	0	37
Biochemistry.....	40	36	4	18	8	3	5	114
Biophysics.....	13	2	0	3	1	1	0	20
Botany.....	15	19	19	4	2	13	9	81
General Biology.....	5	12	1	0	0	8	134	160
Genetics.....	15	22	9	2	7	1	0	56
Medical Sciences.....	19	10	0	17	0	8	0	63
Microbiology.....	9	6	6	5	1	1	1	29
Psychology.....	32	67	23	7	2	1	1	133
Zoology.....	62	59	57	11	5	22	23	239
Subtotal.....	233	254	143	74	28	62	173	967
Physical Sciences:								
Astronomy.....	12	9	2	5	1	3	0	32
Chemistry.....	192	237	145	35	7	31	39	686
Earth Sciences.....	24	43	47	9	5	9	1	188
Engineering Sciences.....	202	268	76	9	5	86	0	646
Mathematical Sciences.....	168	171	99	25	11	63	226	703
Physics.....	298	173	51	20	18	31	15	606
General.....	0	0	0	0	0	0	0	0
Subtotal.....	946	901	420	103	47	223	281	2,931
Social Sciences:								
General.....	21	35	17	3	0	0	0	76
Natural Sciences:								
General.....	0	0	0	0	0	0	46	46
Total.....	1,200	1,190	580	180	75	285	500	4,010

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

ALABAMA

Graduate

BURGESS, EDWARD M., Birmingham, Chemistry.
 COULTER, CLAUDE A., Phenix City, Physics.
 GUNTER, THOMAS E., Tallahassee, Physics.
 HOLMES, CHARLES H., Lafayette, Engineering.
 JONES, LAWRENCE H., Mobile, Biochemistry.
 MACNAMARA, JOHN P., Mobile, Zoology.
 MAGUIRE, JOHN A., II, Birmingham, Chemistry.
 MILLER, EDWARD J., Mobile, Zoology.
 MORAN, MARTIN T., Mobile, Physics.
 SANDBERSON, JACK T., Birmingham, Physics.

Cooperative Graduate

ALLEN, LEON H., Jr., Opelika, Agriculture.
 BENTLEY, WILLIAM H., Huntsville, Engineering.

COGGINS, JAMES L., Brundidge, Engineering.
 COOPER, GARY P., Springhill, Medical Sciences.

COULTER, PHILIP W., Phenix City, Physics.
 CUTCHEN, JOHN T., Dothan, Physics.
 FLOYD, THOMAS D., Birmingham, Engineering.

GARRETT, WILLIAM R., Birmingham, Physics.
 MCKERLEY, HOYT W., Jr., Anniston, Chemistry.

MULLINS, PEGGY J., Huntsville, Mathematics.
 PROPST, FRANKLIN M., Anniston, Physics.
 SMITH, CLOYD V., Jr., Sylacauga, Engineering.

Postdoctoral

HILL, PAUL D., Dadeville, Mathematics.

Science Faculty

PARKER, JEAN T., Florence, Mathematics.
 WHITTEN, KENNETH W., Dawson, Chemistry.

ALABAMA—Continued**Summer Fellowships for Graduate Teaching Assistants**

BROWN, JULIA D., Trussville, Mathematics.
 FRANCIS, ROBERT C., Jr., Hartselle, Engineering.
 GILBERT, JIMMIE D., Auburn, Mathematics.
 MANLEY, LILLIAN C., Demopolis, Zoology.
 SHEPPARD, ALBERT P., Tuscaloosa, Physics.
 WHITT, RICHARD E., Auburn, Engineering.

Summer Fellowships for Secondary School Teachers

BARKLEY, MARK ERNEST, Autaugaville, Mathematics.
 GLENN, MOSES LEONARD, Montgomery, Mathematics.
 HUMPHREYS, DOUGLAS D., Helena, Mathematics.
 JONES, ERNEST L., Orrville, General Sciences.
 NANCARROW, DOROTHY V., Birmingham, Biology.
 NORRIS, CHARLES W., Andalusia, Mathematics.
 SABOL, SR. M. TERESITA, Montgomery, Chemistry.

ALASKA**Science Faculty**

JOHNSON, ALBERT W., Fairbanks, Botany.
 KNIGHT, GEORGE R., Fairbanks, Engineering.

ARIZONA**Graduate**

ANDERSON, LORAN C., Page, Botany.
 BISSETT, DAVID H., Prescott, Earth Sciences.
 COOK, DON B., Scottsdale, Chemistry.
 DOLE, JIM W., Phoenix, Zoology.
 LANGE, ROBERT V., Phoenix, Physics.
 LEWIS, RICHARD B., Douglas, Physics.
 NEVILLE, MELVIN K., Tucson, Chemistry.
 NOYES, ROY B., Tucson, Engineering.
 WEXLER, JONATHAN D., Tempe, Mathematics.

Cooperative Graduate

BARTS, ALBERT E., Tucson, Psychology.
 BROWN, KEITH S., Jr., Amado, Chemistry.
 BRYANT, MARTHA L., Tucson, Chemistry.
 COSTA, BARBARA M., Tucson, Engineering.
 FENWICK, CHARLES A., Phoenix, Psychology.
 FENWICK, ROBERT B., Phoenix, Engineering.
 GREGORY, BOB L., Phoenix, Engineering.
 MOORES, ELDRIDGE M., Globe, Earth Sciences.
 O'CONNELL, CONSTANCE J., Tucson, Psychology.
 PEAKE, EDMUND J., Jr., Phoenix, Mathematics.
 ROTH, RICHARD L., Tucson, Mathematics.
 WAIT, JOHN V., Tucson, Engineering.

Postdoctoral

CONRAD, DAVID A., Tucson, Engineering.

Science Faculty

HOSHAW, ROBERT W., Tucson, Botany.
 MEES, QUENTIN M., Tucson, Engineering.

Summer Fellowships for Graduate Teaching Assistants

MONROE, JAMES E., Prescott, Zoology.
 VANEK, POLLY H., Tucson, Astronomy.
 WALTER, EVERETT L., Mesa, Mathematics.

Summer Fellowships for Secondary School Teachers

DAVY, ROGER H., Phoenix, Zoology.
 SHOWLEY, DEVON LEE, Scottsdale, Physics.
 TOOHEY, JACK V., Phoenix, Biology.

ARKANSAS**Graduate**

ARNOLD, RICHARD C., Fayetteville, Physics.
 CHRISTIE, JOE H., Magnolia, Chemistry.
 HILL, JOHN W., Fayetteville, Chemistry.
 RUSSELL, CHARLES D., El Dorado, Chemistry.

Cooperative Graduate

ATTERBERRY, PHILIP R., Van Buren, Physics.
 CHILDS, WILLIAM V., Magnolia, Chemistry.
 DMUCHOVSKY, BASIL, Fayetteville, Chemistry.

HALPERN, LYNDA S., Fayetteville, Genetics.
 ISGRIG, FREDERICK A., Little Rock, Psychology.

SEAY, BILLY M., Magnolia, Psychology.
 WEAR, JAMES O., Fayetteville, Chemistry.

Science Faculty

IMHOFF, JOHN L., Fayetteville, Mathematics.
 RADLEY, EDWARD T., Conway, Chemistry.
 WEBB, BRYAN JR., Fayetteville, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BLASKOVICS, KAY H., Stuttgart, Mathematics.

FREEMAN, THOMAS J., Jr., Little Rock, Earth Sciences.

GALLOWAY, LOUIE A. III, Pine Bluff, Physics.
 MACE, KENNETH D., North Little Rock, Botany.

SPARKS, BRYAN, Fayetteville, Chemistry.

Summer Fellowships for Secondary School Teachers

BLEVINS, EULA L., North Little Rock, Biology.

BOZONE, DAISY LOUISE, Junction City, Mathematics.

DOBSON, JACK T., Lonoke, Biology.
 GARNER, BERNICE L., Norphlet, Biology.

JORDAN, CHESTER L., Fort Smith, General Science.

MCDERMOTT, CECIL W., Little Rock, Mathematics.

MILLER, MARIE WARD, McCrory, Biology.
 NEWTON, MCKINLEY, Tuckerman, General Science.

PURPLE, IDA M., Prescott, Biology.

CALIFORNIA**Graduate**

ABERS, ERNEST S., San Francisco, Physics.
 AITKEN, DONALD W., Jr., Palo Alto, Physics.
 ALBINI, FRANK A., Altadena, Engineering.
 ALBRIGHT, NORMAN W., Pasadena, Physics.
 ANDERSON, DONALD W., Van Nuys, Mathematics.

ARNQUIST, CLIFFORD W., Playa Del Rey, Mathematics.

AUGUST, GERALD, Berkeley, Engineering.

AWBREY, FRANK T., Los Angeles, Zoology.
 BACHER, ANDREW D., Pasadena, Astronomy.
 BANKS, PHILIP O., Sacramento, Earth Sciences.

BAUER, ANDREW B., Palo Alto, Engineering.
 BERNICK, ROBERT L., Los Angeles, Physics.
 BLANDFORD, ROBERT R., Pasadena, Earth Sciences.

BLOOMFIELD, VICTOR A., Cotati, Chemistry.
 BORGMAN, LEON E., Los Angeles, Mathematics.

BOULWARE, DAVID G., Lafayette, Physics.

BOYD, ROBERT G., Riverside, Physics.

BRONZAN, JOHN B., Los Angeles, Physics.

BROWN, LOWELL S., Visalia, Physics.

BROWN, STEPHEN L., Palo Alto, Physics.
 BURNETT, DONALD S., Berkeley, Chemistry.
 CHONG, DELANO P., San Francisco, Chemistry.
 CLARK, ALAN R., San Jose, Physics.
 COHEN, JULIA H., Menlo Park, Zoology.
 CRICHTON, JAMES H., Berkeley, Physics.
 DASHEN, ROGER F., Redding, Physics.
 DAYBELL, MELVIN D., Pasadena, Physics.
 DOLBY, RAY M., Cupertino, Physics.
 DOUGLASS, ROGER L., Albany, Physics.
 DRAGT, ALEX J., Berkeley, Physics.
 DUKE, MICHAEL B., Los Angeles, Earth Sciences.
 ENDBERTON, HERBERT B., San Jose, Mathematics.
 ENRIGHT, JAMES T., San Diego, Zoology.
 ERSKINE, MELVILLE C., Jr., San Jose, Earth Sciences.
 EVENSEN, DAVID A., Pasadena, Engineering.
 FISH, ROBERT A., Los Altos, Chemistry.
 GAGE, DONALD H., Durham, Engineering.
 GIBSON, EDWARD G., Pasadena, Engineering.
 GILLESPIE, BARBARA C., Los Altos, Botany.
 GODDARD, WILLIAM A., Los Angeles, Engineering.
 GRAHAM, RONALD L., Berkeley, Mathematics.
 GRIFFITHS, ROBERT B., Stanford, Physics.
 GRIMES, CHARLES C., Berkeley, Physics.
 GRISWOLD, RALPH E., Palo Alto, Engineering.
 GRZESIK, JAN A., Inglewood, Physics.
 GUNCKEL, THOMAS L. II, Pomona, Engineering.
 HAGADORN, IRVINE R., Albany, Zoology.
 HALES, ALFRED W., Pasadena, Mathematics.
 HARDMAN, MARTHA J., Palo Alto, Anthropology.
 HARRINGTON, DAVID M., Los Angeles, Mathematics.
 HASSLER, FRANCES J., Los Angeles, Anthropology.
 HAYLER, DONALD A., Belmont, Physics.
 HEARST, JOHN E., Pasadena, Chemistry.
 HEBLBRON, JOHN L., Berkeley, Social Sciences.
 HENDRICKS, TEREAH J., Berkeley, Physics.
 HERMSEN, ROBERT W., Berkeley, Engineering.
 HERRMANN, LEONARD R., Albany, Engineering.
 HOLDAWAY, MICHAEL J., Berkeley, Earth Sciences.
 HONE, DANIEL W., San Francisco, Physics.
 HUDSON, DOHERTY B., San Francisco, Medical Sciences.
 HULTGREN, GLEN O., Berkeley, Chemistry.
 HUNDLEY, RICHARD O., San Gabriel, Physics.
 IRVINE, WILLIAM M., Beverly Hills, Physics.
 JANSSENS, THOMAS J., Santa Clara, Physics.
 JOHNSON, DEAN M., Pasadena, Earth Sciences.
 JOHNSON, HARMON W., Santa Clara, Engineering.
 JORGENSEN, NORMAN E., Oakland, Physics.
 KEESING, ROGER M., Stanford, Anthropology.
 KEIGHTLEY, WILLARD O., Pasadena, Engineering.
 KENNEDY, KENNETH A. R., San Francisco, Anthropology.
 KENT, WILLIAM L., San Diego, Mathematics.
 KING, JACK L., Antioch, Genetics.
 KIRK, WILLIAM L., Jr., Los Angeles, Psychology.
 KLOTZ, EUGENE A., Costa Mesa, Mathematics.
 KOHL, ELIZABETH N., Arcadia, Chemistry.
 KONRAD, MICHAEL W., Berkeley, Biophysics.
 KRASNE, FRANKLIN R., Sausalito, Psychology.
 KRUSE, ROBERT L., Upland, Mathematics.
 LAMARCHE, VALMORE C., Jr., Berkeley, Earth Sciences.
 LANDGREBE, JOHN A., San Francisco, Chemistry.
 LANDSBERG, ARNE, National City, Engineering.
 LAYMAN, WILLIAM E., Wicovina, Engineering.
 LEBOVITZ, NORMAN R., Van Nuys, Physics.
 LEITNER, PHILIP, Orinda, Zoology.
 LEVINE, IRA N., Van Nuys, Chemistry.
 LEWIS, FRANCIS H., Menlo Park, Physics.
 LIBBY, WILLIAM J., Berkeley, Genetics.
 LINDSAY, SANDRA L., Walnut Creek, Genetics.
 LINDQUIST, EVERT E., Berkeley, Zoology.
 LINSON, LEWIS M., Oakland, Physics.
 MACINTYRE, FERREN, Riverside, Chemistry.
 MARSHALL, J. HOWARD, III, Pasadena, Physics.
 MATCHETT, MARY D., San Carlos, Biophysics.
 MATTHEWS, JUNE L., Altadena, Physics.
 MCVIVOR, IVOR K., Stanford, Engineering.
 MCLEAN, NORMAN, Jr., Berkeley, Zoology.
 MCMANIGAL, PAUL G. M., South Pasadena, Physics.
 MIHALAS, DIMITRI M., Los Angeles, Astronomy.
 MILDER, DAVID M., N. Hollywood, Physics.
 MOCK, WILLIAM L., Santa Ana, Chemistry.
 MUFFLER, LEROY J. P., Claremont, Earth Sciences.
 MUIRBOOK, NEWELL K., Ogden, Engineering.
 MUNSON, JOHN H., Burbank, Physics.
 MURRAY, BETTIE E., Fontana, Biochemistry.
 NEARING, JAMES C., Hawthorne, Physics.
 NEIGHBOR, JAMES E., Walnut Creek, Physics.
 NELSON, KEITH B., Berkeley, Zoology.
 NELSON, WAYNE B., Pasadena, Physics.
 NEVILLE, DONALD E., Los Angeles, Physics.
 NG, JUDITH, Oakland, Mathematics.
 OGLESBY, LARRY C., Atascadero, Zoology.
 PALMER, LEIGH H., Sacramento, Physics.
 PAOLILLO, DOMINICK J., Jr., Davis, Botany.
 PARKER, PETER D. M., Monterey Park, Physics.
 PAULIKAS, GEORGE A., Berkeley, Physics.
 PEARSON, GERALD A., Redondo Beach, Chemistry.
 PECK, CHARLES W., Pasadena, Physics.
 PEEKEMA, RICHARD M., Gridley, Chemistry.
 PIERCE, WILLIAM H., Los Altos, Engineering.
 PITZER, RUSSELL M., Berkeley, Chemistry.
 RABINOWITZ, LAWRENCE, Berkeley, Medical Sciences.
 RALLS, KENNETH M., Stanford, Engineering.
 RAPAPORT, SEYMOUR A., Los Angeles, Medical Sciences.
 RAPIER, JERRY L., Baldwin Park, Physics.
 RENEAU, LEON R., San Mateo, Engineering.
 ROTHKOPF, MICHAEL H., Beverly Hills, Social Sciences.
 ROYCE, EDWIN B., Pasadena, Physics.
 SCHULTZ, CLAUDE H., Davis, Physics.
 SCHWEITZER, GLENN E., Los Angeles, Engineering.
 SEARLES, RICHARD B., Berkeley, Botany.
 SEIELSTAD, GEORGE A., Corte Madera, Physics.
 SIMPSON, PAUL G., Wilmington, Chemistry.
 SINOFF, WILLIAM A., Los Angeles, Engineering.
 SMITH, DAVID H., Alhambra, Social Sciences.
 SMITH, EARNEST E., Sepulveda, Physics.
 SNIVELY, FRANK T., Pasadena, Physics.
 SOKOL, OTTO M., Palo Alto, Zoology.

CALIFORNIA—Continued

SOULES, GEORGE W., Jr., Van Nuys, Mathematics.
 SPARKS, MARSHALL S., Jr., Berkeley, Physics.
 STREET, ROBERT L., San Diego, Engineering.
 SWENEY, DARYL C., El Cerrito, Zoology.
 THIBEAUX, MARTIAL L., Jr., Whittier, Physics.
 THOE, DALE W., Sunnyvale, Mathematics.
 THOMASSEN, KEITH I., Stanford, Engineering.
 THORNTON, MELVIN C., San Diego, Mathematics.
 TRAFTON, LAURENCE M., Los Angeles, Astronomy.
 VALERGA, ANTONIO J., Oakland, Chemistry.
 VIDAYER, WILLIAM E., San Mateo, Botany.
 VLASES, GEORGE C., Pasadena, Engineering.
 WAGNER, TERRY J., Albany, Engineering.
 WATERS, JAMES F., Santa Barbara, Zoology.
 WEILL, DANIEL F., Berkeley, Earth Sciences.
 WEINSTEIN, JOSEPH M., Oakland, Mathematics.
 WEISBERG, HOWARD L., Los Angeles, Physics.
 WERTHAMER, NATHAN R., Berkeley, Physics.
 WIGLEY, NEIL M., Albany, Mathematics.
 WILLEMSSEN, ELEANOR W., Palo Alto, Psychology.
 WILLIAMSON, ROBERT E., Jr., Berkeley, Mathematics.
 WILLIS, EDWIN O., Berkeley, Zoology.
 WILSON, DONALD R., Los Angeles, Chemistry.
 WOLLMER, RICHARD D., Los Angeles, Mathematics.
 WRIGHT, JOHN M., Pasadena, Chemistry.
 WULF, DANIEL L., Arcadia, Chemistry.
 YOUNG, LAEL M., Mentone, Mathematics.
 YURA, HAROLD T., Pasadena, Physics.
 ZISK, STANLEY H., Stanford, Engineering.

Cooperative Graduate

AHLERS, GUENTER, Berkeley, Chemistry.
 ALLEN, WILLIAM V., Palo Alto, Biology.
 BAHN, ALFRED J., Redwood City, Engineering.
 BALL, GEOFFREY H., Bell, Engineering.
 BARBER, MARY L., Los Angeles, Biochemistry.
 BECK, MYRL E., Jr., Beaumont, Earth Sciences.
 BELKIN, DANIEL A., Los Angeles, Zoology.
 BLACK, NEVILLE A., Los Angeles, Physics.
 BLAKELY, LAWRENCE M., San Marcos, Botany.
 BOHN, ROBERT K., Sebastopol, Chemistry.
 BOND, FREDERICK T., Berkeley, Chemistry.

Cooperative Graduate

BOWMAN, THOMAS E., Burlingame, Engineering.
 BOWSER, CARL J., Pomona, Earth Sciences.
 BOYLE, RICHARD P., Spring Valley, Social Sciences.
 BROWN, MELANCTHON S., Palo Alto, Chemistry.
 BURCHFIELD, BURRELL C., Long Beach, Earth Sciences.
 CALFEE, ROBERT C., Los Angeles, Psychology.
 CARLYLE, JACK W., Berkeley, Engineering.
 CARTER, NEVILLE L., Culver City, Earth Sciences.
 CAULEY, JOSEPH M., Pasadena, Physics.
 CHAPPLE, WILLIAM M., La Jolla, Earth Sciences.
 COCIVERA, MICHAEL, Los Angeles, Chemistry.
 DANFORTH, CHARLES G., Glendale, Medical Sciences.
 DAVIS, GREGORY A., Berkeley, Earth Sciences.
 DELEY, GARY W., Altadena, Engineering.
 FELDMAN, MARTIN R., Los Angeles, Chemistry.

FLYGARE, WILLIS H., Berkeley, Chemistry.
 FRITSCH, ALBERT E., Los Angeles, Earth Sciences.
 GIANCOLI, DOUGLAS C., Berkeley, Physics.
 GLUSKOTER, HAROLD J., Berkeley, Earth Sciences.
 GROSS, FLETCHER I., La Canada, Mathematics.
 HAINLINE, LYDIA J., San Bernardino, Anthropology.
 HAMILTON, GORDON W., Berkeley, Physics.
 HARTMANN, RICHARD W., Santa Monica, Agriculture.
 HEEGER, ALAN J., Berkeley, Physics.
 HEINRICHS, DONALD F., Bakersfield, Earth Sciences.
 HILLIER, FREDERICK S., Palo Alto, Engineering.
 HOLLAND, WILLIAM R., Gardena, Earth Sciences.
 HOWARD, CHARLES M., Los Angeles, Mathematics.
 KAHN, PAUL M., Fairfax, Mathematics.
 KEISLER, H. JEROME, Pasadena, Mathematics.
 KENNEDY, ROBERT P., La Canada, Engineering.
 KLEIN, WILLIAM M., Jr., Claremont, Botany.
 KOCH, KAY F., Berkeley, Chemistry.
 LANE, CHARLES A., Berkeley, Chemistry.
 LANG, SIDNEY B., San Francisco, Engineering.
 LENDARIS, GEORGE G., Albany, Engineering.
 LOCKARD, ROBERT B., Bakersfield, Psychology.
 MAGEE, PATRICK M., Los Angeles, Engineering.
 MANDELL, RICHARD L., Rosemead, Engineering.
 MULLIGAN, JAMES A., Oakland, Zoology.
 NAZAROFF, GEORGE V., San Francisco, Chemistry.
 QUELLETTE, ROBERT J., Berkeley, Chemistry.
 PARKER, ROBERT A., Monterey Park, Astronomy.
 PATTERSON, JOHN D., Santa Rosa, Engineering.
 PENE, JACQUES J., Los Angeles, Genetics.
 PRICE, KENDALL O., San Francisco, Psychology.
 RAND, JOAN E., Santa Barbara, Mathematics.
 RIGGS, ARTHUR D., San Bernardino, Biochemistry.
 RODIN, BURTON, Los Angeles, Mathematics.
 ROE, ARNOLD, Los Angeles, Engineering.
 ROELOF, EDMOND C., Granada Hills, Physics.
 RONY, PETER R., Los Angeles, Engineering.
 SELTZER, EDWIN C., Encino, Physics.
 SHAIN, STEPHEN A., Albany, Engineering.
 SHIER, JOHN S., Pasadena, Physics.
 SIMMONS, JERRY L., Rosemead, Engineering.
 SMITH, RICHARD G., St. Glendora, Engineering.
 SMITH, ROBERT B., Berkeley, Chemistry.
 STELMAN, DAVID, Berkeley, Chemistry.
 STEVENS, DAVID F., Los Angeles, Mathematics.
 STONE, CHARLES J., Van Nuys, Mathematics.
 STRATTON, ROBERT A., Alturas, Chemistry.
 SWINEHART, JAMES H., Covina, Chemistry.
 THEIOS, JOHN M., San Bernardino, Psychology.
 THOREN, VICTOR E., Los Angeles, Social Sciences.
 TOCHER, JAMES L., Albany, Engineering.

WAGNER, WILLIAM G., South Pasadena, Physics.

WEISS, ROBERT J., Empire, Mathematics.

WERNER, NEWTON D., Los Angeles, Chemistry.

WYMAN, MELVIN J., Los Angeles, Psychology.

Postdoctoral

BENNYHOFF, JAMES A., Quincy, Anthropology.

BONIC, ROBERT A., Los Angeles, Mathematics.

CANTOR, DAVID G., Van Nuys, Mathematics.

CARTERETTE, EDWARD C., Studio City, Physics.

CHAN, SUNNEY I., San Francisco, Physics.

CLEMENS, WILLIAM A., Jr., Berkeley, Earth Sciences.

CRAWLEY, PETER L., Alhambra, Mathematics.

CZAMANSKE, GERALD K., Palo Alto, Earth Sciences.

DEMPESEY, WALTER B., San Francisco, Biochemistry.

EMERY, THOMAS F., San Anselmo, Biochemistry.

FELDMAN, JACOB, Berkeley, Mathematics.

GARRIOTT, OWEN K., Mountain View, Physics.

GHELARDI, RAYMOND J., La Jolla, Zoology.

GOLDENBERG, HAROLD M., Los Angeles, Physics.

GOLDSBOROUGH, JOHN P., Stanford, Physics.

HANNA, MELVIN W., Pasadena, Chemistry.

HILL, ELGIN A. III, Pasadena, Chemistry.

JORDAN, PETER C., Los Angeles, Chemistry.

LAU, FRANCIS Y., Hayward, Medical Sciences.

LUBLINER, JACOB, Los Angeles, Engineering.

LYSER, KATHERINE M., Lafayette, Zoology.

MARSHALL, ALBERT W., Palo Alto, Mathematics.

MCCONKEY, EDWIN H., Berkeley, Biochemistry.

MECHANIC, ARNOLD, Berkeley, Psychology.

MICHEL, FRANCIS W., Palo Alto, Medical Sciences.

PARIS, OSCAR H., Jr., Albany, Zoology.

PICKERING, RANARD J., Mountain View, Earth Sciences.

RAVEN, PETER H., Los Angeles, Botany.

ROBOWSKY, ANDRE, Beverly Hills, Chemistry.

VOGEL, MARTIN, Los Angeles, Chemistry.

WILDE, DOUGLASS J., Berkeley, Engineering.

ZWANZIGER, DANIEL E., San Diego, Physics.

Senior Postdoctoral

CROWELL, JOHN C., Los Angeles, Earth Sciences.

FOWLER, CHARLES A., Jr., Claremont, Physics.

FRETTER, WILLIAM B., Berkeley, Chemistry.

KARLIN, SAMUEL, Stanford, Mathematics.

KNOPOFF, LEON, Los Angeles, Earth Sciences.

OPPENHEIM, ANTONI K., Berkeley, Engineering.

STENT, GUNTHER S., Berkeley, Biophysics.

Science Faculty

ALLEN, C. FREEMAN, Claremont, Biochemistry.

ARMIN, L. CLAIR, Reedley, Zoology.

BAILEY, WARREN H., Redding, Botany.

BOURNE, HENRY C., Jr., Berkeley, Engineering.

BOYER, WILLIAM E., Upland, Physics.

BURGY, ROBERT H., Davis, Engineering.

BUSSELL, BERTRAM, Los Angeles, Engineering.

COOPER, GRANT S., Walnut, Chemistry.

DAVIS, WARD B., Whittier, Biochemistry.

DOUGLAS, ALLAN G., Chico, Zoology.

FISCHER, EGBERT D., Glendale, Physics.

HARTSEVELDT, RICHARD J., San Jose, Agriculture.

HILEMAN, JACK C., El Camino College, Chemistry.

HUNZIKER, RODNEY W., Chico, Astronomy.

KABAT, HERBERT R., San Luis Obispo, Physics.

KRAUSKOFF, KONRAD B., Stanford, Chemistry.

MACH, GEORGE R., San Luis Obispo, Mathematics.

NEWKIRK, GAIL A., Lancaster, Zoology.

PARKE, EDWARD C., Jr., Arcata, Physics.

PIPKIN, BERNARD W., El Camino College, Earth Sciences.

RATTERMAN, BREEN, San Mateo, Medical Sciences.

RENARD, ROBERT J., Monterey, Earth Sciences.

VENUTI, WILLIAM J., San Jose, Engineering.

VOSS, Sr., ANNA, Belmont, Biology.

WILLIG, WARREN C., Chanoga Park, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

ANDELIN, JOHN P., Jr., Los Angeles, Physics.

BEUS, STANLEY S., Los Angeles, Earth Sciences.

BLANKS, ROBERT F., Berkeley, Engineering.

BURTON, GILBERT W., Temple City, Chemistry.

CARTER, NEVILLE L., Culver City, Earth Sciences.

CLARKE, WILLIAM C., Berkeley, Earth Sciences.

COLONELL, JOSEPH M., San Diego, Engineering.

DODGE, HARRY W., Jr., Los Angeles, Earth Sciences.

EISELEN, EVERETT T., Stockton, Engineering.

HAMBERGER, KIMBALL L., Berkeley, Engineering.

HOLMES, ROBERT E., Castro Valley, Chemistry.

JUNKER, HANS H., Oakland, Engineering.

KLUGE, ARNOLD G., Los Angeles, Zoology.

KOHLER, JOSEPH, Pasadena, Mathematics.

KREPS, THEODORA C., Palo Alto, Anthropology.

LAETSCH, WATSON M., Stanford, Botany.

LEDER, HANS H., Los Altos, Anthropology.

LINDQUIST, EVERT E., Berkeley, Zoology.

LLOYD, JAMES R., Cucamonga, Engineering.

LUMPKIN, OSCAR J., Los Angeles, Physics.

LYTTON, JACK L., Berkeley, Engineering.

MCKEE, EDWIN H., Berkeley, Earth Sciences.

MIER, MILLARD G., Los Angeles, Physics.

MULLIGAN, JAMES A., Oakland, Zoology.

NASATIR, DAVID, Berkeley, Social Sciences.

NEUMAN, ROBERT C., Jr., Whittier, Chemistry.

NG, JUDITH, Oakland, Mathematics.

PADGETT, WELDON M. II, Berkeley, Chemistry.

PENE, JACQUES J., Los Angeles, Genetics.

PRICE, KENDALL O., San Francisco, Psychology.

RICHMOND, RUTH J., Los Angeles, Microbiology.

RUMSEY, HOWARD C., Jr., Alhambra, Mathematics.

CALIFORNIA—Continued

RUPPERT, RICHARD W., Pasadena, Social Sciences.
 RYFF, JOHN V., Palo Alto, Mathematics.
 SCHULTZ, CLAUDE H., Davis, Physics.
 SHELLHAMMER, HOWARD S., Woodland, Zoology.
 SIBLEY, MURRAY J., Stanford, Chemistry.
 SIGGEL, JAMES T., Berkeley, Anthropology.
 SPILERMAN, SEYMOUR, Los Angeles, Mathematics.
 SPILLERS, WILLIAM R., Fresno, Engineering.
 SPIRO, THOMAS G., Los Angeles, Chemistry.
 STERNLICHT, HIMAN, Pasadena, Chemistry.
 TAYLOR, CHARLES M., Pasadena, Earth Sciences.
 TUCKER, VANCE A., Los Angeles, Zoology.
 WERNER, NEWTON D., Los Angeles, Chemistry.
 WERTHEIM, GEORGE A., Menlo Park, Psychology.
 WITKOVSKY, PAUL, Los Angeles, Zoology.
 WIDVEN, THEODORE, Jr., Modesto, Chemistry.
 YENGOYAN, ARAM A., Fresno, Anthropology.
Summer Fellowships for Secondary School Teachers
 ANSON, HERBERT F., Ventura, Mathematics.
 BEEMAN, ROBERT DAVID, Walnut, Zoology.
 BLOSSER, JOHN E., San Diego, General Sciences.
 BREHMER, ROGER B., Oakland, General Sciences.
 BRENNAN, Sr., M. ELAINE, San Rafael, General Sciences.
 BRYANT, HARRY DELWYN, Davis, Zoology.
 CLARK, BURNICE V., Bakersfield, Mathematics.
 COMMINS, Sr., M. VICTORIA, San Francisco, Biochemistry.
 DAVID, IRA A., Brea, General Sciences.
 ENYART, JESSIE JAMES, Dorris, Mathematics.
 FASSELL, GERALD N., Culver City, Botany.
 FELDMAN, BERNARD, Canoga Park, Mathematics.
 GAFFNEY, Sr., ELEANOR M., Belmont, Zoology.
 GUNSTREAM, STANLEY E., Pasadena, Biology.
 HAINLINE, VAN KEITH, San Bernardino, Biology.
 HARDEN, WILLARD W., El Segundo, Zoology.
 HEGJI, RONALD R., REDDING, Mathematics.
 HERMSMEIER, KENNETH R., Bakersfield, Mathematics.
 HYATT, HERMAN R., Los Angeles, Mathematics.
 JOHNSON, VIRGINIA MAE, Monterey, Mathematics.
 KARLIN, SOL ALLEN, Reseda, Botany.
 KIFER, JACK RUDOLPH, Van Nuys, Mathematics.
 KILPATRICK, JEREMY, Berkeley, Mathematics.
 LAURENZANA, LOUIS G., San Diego, Biology.
 MAGNUSSON, LLOYD N., La Mirada, Chemistry.
 NELSON, CARL C., Sanger, Biology.
 PARKER, JOHN O., Palo Alto, Mathematics.
 RASHFORD, Sr., M. ROSE D., Oakland, Mathematics.
 SMARCY, BERNARD E., San Bernardino, Zoology.
 SIEBERT, MERLE M., Fresno, Mathematics.
 TRITMAN, STANLEY S., Colton, General Sciences.
 WARD, HARRY JOHNSON, Bakersfield, Mathematics.

WILSON, CHARLES ORIN, Manhattan Beach, Zoology.
 WOODHEAD, ROBERT JAMES, Sutter, General Sciences.

COLORADO*Graduate*

CORNWALL, JOHN M., Denver, Physics.
 HUTSON, RICHARD L., Boulder, Earth Sciences.
 IRWIN, HENRY J., Denver, Anthropology.
 MCKINNIS, RALPH W., Boulder, Mathematics.
 NEEPER, DONALD A., Monte Vista, Physics.
 O'CONNOR, JOSEPH T., Boulder, Earth Sciences.
 PICKEN, JAMES S., Loveland, Engineering.
 SHARP, JOHN V., Grand Junction, Earth Sciences.
 STONE, GEORGE T., Cowdrey, Earth Sciences.
 WEBB, GEORGE D., Denver, Medical Sciences.
 WILSON, ALLEN M., Colorado Springs, Agriculture.

Cooperative Graduate

BIRKY, CARL W., Jr., Fort Collins, Genetics.
 ELSBY, Sr., MARGARET G., Loretto, Mathematics.
 GILLESPIE, JOHN R., Denver, Physics.
 KOMMA, DONALD J., Nunn, Genetics.
 OHL, ARDEN W., Greeley, Social Sciences.
 SHAW, MARION L., Colorado Springs, Physics.
 SHOTWELL, DAVID A., Boulder, Mathematics.
 WILCOX, RALPH M., Boulder, Physics.

Postdoctoral

NATHENSON, STANLEY G., Denver, Medical Sciences.

Science Faculty

FECHNER, GILBERT H., Fort Collins, Genetics.
 GATELEY, WILSON Y., Boulder, Mathematics.
 JOHNSON, DONALD L., Canoga Park, Engineering.
 MURPHY, BETH, Canyon City, Medical Sciences.

Graduate Teaching Assistants

BECKETT, ROBERT L., Golden, Earth Sciences.
 BUSH, PATRICIA E., Longmont, Mathematics.
 CONNOR, JON J., Boulder, Earth Sciences.
 LOTT, LAYMAN A., Fort Collins, Physics.
 STONE, GEORGE T., Cowdrey, Earth Sciences.

Summer Fellowships for Secondary School Teachers

BAKER, CLAUDE KENNETH, Englewood, General Sciences.
 BLUBAUGH, HAROLD E., Aurora, Chemistry.
 JEFFREYS, JAMES A., Denver, Mathematics.
 MORRISON, ROBERT G., Denver, Physics.
 STEEN, MARSHALL T., Meeker, Earth Sciences.

CONNECTICUT*Graduate*

BALDWIN, DAVID M., West Hartford, Physics.
 BRISTOL, MELVIN L., Collinsville, Genetics.
 CRAMPTON, STUART B., Greenwich, Physics.
 DOLLARD, JOHN D., Hamden, Physics.
 FISHER, GEORGE W., Hamden, Earth Sciences.
 FLEISCHER, EVERLY B., Branford, Chemistry.
 FLYNN, GEORGE W., Jr., Hartford, Chemistry.
 FOOTE, CHRISTOPHER S., West Hartford, Chemistry.
 GAUTHIER, HOWARD L., Jr., Meriden, Social Sciences.
 JOHNSTON, JOAN E., Ansonia, Zoology.

KLEY, RONALD J., New Britain, Earth Sciences.
MASSO, JOSEPH F., Darien, Physics.
MATTHYSSE, STEVEN W., Danbury, Physics.
MERMIN, JOEL L., New Haven, Mathematics.
MERMIN, N. DAVID, New Haven, Physics.
PEASE, ROGER W., Jr., New Britain, Biology.
PLANK, DONALD L., Rockville, Mathematics.
SIMPSON, JAMES E., New Haven, Mathematics.
STEPHENSON, ROBERT R., Mount Carmel, Engineering.
TURBO, NICHOLAS J., Jr., Middletown, Chemistry.
YOUNG, DAVIDA M., Wilton, Psychology.

Cooperative Graduate

AVERY, DONALD H., West Hartford, Earth Sciences.
BERKNER, KLAUS H., Stratford, Physics.
BRANDT, RICHARD G., Bristol, Physics.
CHAMBERS, DONALD S., Colchester, Zoology.
DIMMOCK, JOHN O., Branford, Physics.
DOOLITTLE, RUSSELL F., North Haven, Biochemistry.
HIRTH, HAROLD F., Rockville, Zoology.
KOWALEWSKI, ALEXANDER J., Norwich, Engineering.
KRAUSS, JEAN C., Norwich, Biology.
PARIZEK, RICHARD R., West Willington, Earth Sciences.
PERKINS, FRANCIS W., Jr., West Hartford, Physics.
SWEET, MERRILL H., Storrs, Zoology.
TOTH, LOUIS E., Easton, Engineering.

Postdoctoral

BRIGGS, THOMAS, South Norwalk, Biochemistry.
BRUNER, EDWARD M., New Haven, Anthropology.
GROSS, LEONARD, New Haven, Mathematics.
HAJIAN, ARSHAG B., New Haven, Mathematics.
MEIGS, ROBERT A., Newington, Medical Sciences.
REPPY, JOHN D., New Haven, Physics.

Science Faculty

HOUSE, LAWRENCE C., Storrs, Mathematics.
SLOWINSKI, EMIL J., Jr., Storrs, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

CHAMBERS, DONALD S., Colchester, Zoology.
CHRISTENSEN, RICHARD M., New Haven, Engineering.
GRAHAM, JOHN D., New Haven, Chemistry.
LIPMAN, PETER W., Cannondale, Earth Sciences.
MACLACHLAN, JAMES A., Jr., New Haven, Physics.
PROVOST, PHILIP J., Bristol, Microbiology.
READ, MARY E., Fairfield, Anthropology.
SIMPSON, TRACY L., New Haven, Zoology.
STANLEY, ROLFE S., Cheshire, Earth Sciences.

Summer Fellowships for Secondary School Teachers

BERUBE, Sr., CLAIRE P., New London, Biology.
CAPPEL, DAN, Wilton, Botany.
CARLOW, CHESTER D., Branford, Mathematics.
DI BLASI, Sr., ST. M. ANTH, Stamford, Biology.

GUILBAULT, Sr., ST. LUCILL, Stamford, Mathematics.

POWELL, JOHN J., Clinton, General Science.
STONE, GEORGE NORTON, Lakeville, Mathematics.

DELAWARE

Graduate

DAY, BENJAMIN D., Newark, Physics.
GALT, JAMES C., Newark, Engineering.
KING, MERRILL K., Claymont, Engineering.
LORAND, JOHN P., Wilmington, Chemistry.

Cooperative Graduate

BOLLINGER, ROBERT E., Newark, Engineering.
FOSTER, GAIL E., Seaford, Mathematics.
JORDAN, DAVID M., Wilmington, Chemistry.
MCGRATH, PAUL A., Wilmington, Chemistry.
WEBER, CAROLYN J., New Castle, Zoology.
YELIN, TOBIAS O., Wilmington, Medical Sciences.

Senior Postdoctoral

KWART, HAROLD, Newark, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

ARCHER, ROBERT A., Wilmington, Chemistry.
THORNTON, ROGER L., New Castle, Chemistry.

Summer Fellowships for Secondary School Teachers

MAHAN, RALPH EUGENE, Seaford, Mathematics.
MITCHELL, MO. FRAN DES, Wilmington, Biology.

DISTRICT OF COLUMBIA

Graduate

ELIOT, FRANK C., Engineering.
HACKMAN, MORTON M., Mathematics.
HOFFMAN, FREDERICK, Mathematics.
MUCKENTHALER, FLORIAN A., Zoology.
MYERS, GARDINER H., Chemistry.
OLIVER, DAVID W., Physics.
QUACKENBUSH, WILLIAM L., Engineering.
RINEHART, GEORGE S., Mathematics.
TRUESDELL, ALFRED H., Earth Sciences.
WILSON, KENT R., Chemistry.

Cooperative Graduate

COURTNEY, JOHN C., Engineering.
DEHN, JAMES T., Physics.
INGLEY, JOHN S., Engineering.
JUMONVILLE, PRESTON C., Psychology.
MARLOW, ADDICKS R., Astronomy.
YOUNG, FRANK C., Physics.

Postdoctoral

RENKIN, BARBARA Z., Medical Sciences.

Senior Postdoctoral

FAUL, HENRY, Earth Sciences.
PIEN, PAO C., Engineering.
RENKIN, EUGENE M., Zoology.

Science Faculty

HENDERSON, RALPH S., Physics.
WHITE, DAVID G., Chemistry.

Summer Fellowships for Graduate Teaching Assistants

O'NEILL, BERNARD V., Mathematics.
SCOTT, THOMAS M., Engineering.
WALSH, JOSEPH H., Chemistry.

DISTRICT OF COLUMBIA—Continued

Summer Fellowships for Secondary School Teachers

FRITSCH, Sr., MARY CLARE, Biology.
MAURY, MARGARET H., General Sciences.
MCKEON, BRO. EUGENE PETE, Chemistry.
MCNABB, Sr. M. DESALES, Mathematics.

FLORIDA

Graduate

BOBBOR, ARTHUR C., Tallahassee, Zoology.
COBB, JOHN I. III, Tallahassee, Mathematics.
ECHOLS, RONALD J., Naples, Earth Sciences.
FOGEL, JOSEPH S., Pompano Beach, Chemistry.
FOX, EVELYN, North Miami Beach, Physics.
JOHNSON, BEN L., Lake Worth, Engineering.
KAUFMAN, MYRON J., North Miami Beach, Physics.
KUHN, HARLAND L., Hawthorne, Engineering.
LAMBERT, JERRY R., Live Oak, Engineering.
RAMSPOTT, LAWRENCE D., Neptune Beach, Earth Sciences.
ROBERTS, CHARLES S., Miami, Chemistry.
SHAFFER, CHARLES V., Gainesville, Engineering.
SHOLTES, ROBERT S., Gainesville, Engineering.

Cooperative Graduate

BAKER, MICHAEL B., Gainesville, Astronomy.
CROUCH, HARRY R., Jr., Port Orange, Physics.
DEEDS, JOSEPH B., Sarasota, Mathematics.
GOODMAN, ROE W., Lakeland, Mathematics.
HUDSON, FREDERICK M., Miami, Chemistry.
LUNDBERG, GAIL K., Orlando, Social Sciences.
MCKINLEY, MARVIN D., Gainesville, Engineering.
MOOS, HENRY W., Gainesville, Physics.
NEALY, DAVID L., Sarasota, Chemistry.
SAPPENFIELD, DALE S., Miami, Chemistry.
SCHUCKMAN, HAROLD, Tallahassee, Psychology.
SEGRAVES, WILLIAM A., Jacksonville, Engineering.
YANN, BRYANT K., Jr., Jacksonville, Engineering.
WHITTEN, JERRY L., Bartow, Chemistry.
WORTH, ROY E., Jacksonville, Mathematics.

Science Faculty

COOLEY, IRWIN D., Gainesville, Engineering.

Summer Fellowships for Graduate Teaching Assistants

HELLIER, THOMAS R., Jr., Jensen Beach, Zoology.
HERBST, LAURENCE J., North Miami Beach, Mathematics.
HOOKS, JAMES E., Tallahassee, Earth Sciences.
LUTZ, RAYMOND P., Jupiter, Chemistry.
MACINNIS, AUSTIN J., Tallahassee, Zoology.
MEACHEM, ANNE, Daytona Beach, Zoology.
SMITH, PAULINE C., Jacksonville, Social Sciences.

Summer Fellowships for Secondary School Teachers

ARDOIN, BRO. MICHAEL D., Miami, Biology.
BROUSE, BETTY JEAN, Vero Beach, Biology.
CAMPBELL, ROY F., Ft. Lauderdale, Biology.
EINEM, GERALD EUGENE, Melbourne, Biochemistry.
FARMER, JOE ALLEN, Panama City, Botany.

HAYGOOD, AUSTIN NIMROD, Sarasota, Mathematics.

MARTIN, JOEL MANN, Key West, Biology.
MOHR, PAUL B., St. Petersburg, Mathematics.
O'BRIEN, LELAND M., Summerfield, Biology.
WHITTON, ETTA MAE, Tallahassee, Mathematics.
WOOLFEVER, JOHN D., Sarasota, Biology.
WORTHINGTON, CAROLYN B., Miami, Mathematics.

GEORGIA

Graduate

EICHHBERG, JOSEPH, Jr., Atlanta, Medical Sciences.
GREENE, MYRON T., Adairsville, Physics.
HOLLEY, EDWARD R., Jr., Atlanta, Engineering.
JOHNSON, CHARLES S., Jr., Albany, Chemistry.
MCLAIN, DAVID K., Buford, Physics.
MORGAN, WILLIAM J., Savannah, Physics.
NESS, SANDRA G., East Point, Mathematics.
TIDWELL, THOMAS T., Atlanta, Chemistry.

Cooperative Graduate

ALVAREZ, LAURENCE R., Valdosta, Mathematics.
ANDERSON, WYATT W., Brunswick, Zoology.
BOUTWELL, GORDON P., Jr., Albany, Engineering.
COVINGTON, DALE W., Marietta, Mathematics.
GASKINS, HENRIANNE, Griffin, Zoology.
HOBGOOD, RICHARD T., Jr., Calhoun, Chemistry.
PHILP, ROBERT H., Jr., Rabun Gap, Chemistry.
PROSSER, FRANKLIN P., Atlanta, Chemistry.
ROBERTS, CHARLES D., Atlanta, Mathematics.
SACKER, ROBERT J., Doraville, Mathematics.
SEYMOUR, ROSALIE, Atlanta, Mathematics.
SHARP, HOMER F., Jr., Covington, Zoology.
WILSON, RAYMOND B., Decatur, Chemistry.

Postdoctoral

MURE, BROWN L., Jr., Atlanta, Chemistry.
O'TOOLE, JAMES T., Columbus, Chemistry.

Science Faculty

BALL, WILFRED R., Athens, Zoology.
FINCHER, JAMES R., Atlanta, Engineering.
JEWETT, JOHN W., Athens, Mathematics.
MODER, JOSEPH J., Atlanta, Mathematics.
PURDY, KENNETH R., Atlanta, Engineering.
YOUSE, BEVAN K., Emory University, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

DOWNING, ROCHELLE D., Athens, Chemistry.
MOUNT, ROBERT H., Albany, Zoology.
SPADAFINO, LEONARD P., Athens, Chemistry.
WILLIAMS, BRITAIN J. III, Athens, Mathematics.
WOROBYT, THEODORE S., Columbus, Physics.

Summer Fellowships for Secondary School Teachers

DELOACH, JESSIE C., Folkston, Mathematics.
FLEMING, MYRTLE M., Franklin Spring, Zoology.
POLLER, FRANCINE I., Waycross, Mathematics.
SHARROCK, RUTH Y., Smyrna, Mathematics.
WILSON, MONTINE C., Cartersville, General Sciences.

HAWAII

Graduate

FURUMOTO, AUGUSTINE S., Honolulu, Earth Sciences.

STORY, ALFRED E., Puunene, Engineering.

Cooperative Graduate

DEVERILL, ROBERT S., Hilo, Chemistry.

JAY, BARBARA K., Honolulu, Physics.

KITAMURA, MORRIS Y., Honolulu, Physics.

NISHIMURA, JOYCE S., Honolulu, Biochemistry.

TAKASHIMA, HERBERT T., Lahaina Maui, Chemistry.

Science Faculty

DALTON, PATRICK D., Jr., Oahu, Agriculture.

Summer Fellowships for Graduate Teaching Assistants

PLUCKNETT, DONALD L., Honolulu, Agriculture.

IDAHO

Graduate

BURDICK, GLENN A., Pocatello, Physics.

MACKI, JACK W., Mullan, Mathematics.

MURPHY, RICHARD A., Twin Falls, Zoology.

Cooperative Graduate

CONANT, DONALD R., Caldwell, Chemistry.

JONES, LEON L., Caldwell, Chemistry.

KRUEGER, KENNETH W., Coeur d'Alene, Botany.

VERNER, JARED, Moscow, Zoology.

Science Faculty

CROWLEY, WARD, Moscow, Mathematics.

WEEKS, OWEN B., Moscow, Microbiology.

ILLINOIS

Graduate

ALBERTS, BRUCE M., Glencoe, Biochemistry.

ANDRES, RONALD P., Elmhurst, Engineering.

ASH, MICHAEL E., Winnetka, Mathematics.

AUST, RICHARD B., Elmhurst, Engineering.

AUVIL, PAUL R., Jr., Wayne, Physics.

BACON, PHILIP, Wheaton, Mathematics.

BALDWIN, JOHN E., Oak Park, Chemistry.

BARNES, WILLIAM C., Glen Ellyn, Earth Sciences.

BERTONI, HENRY L., Chicago, Engineering.

BLISS, JAMES C., Chicago Heights, Engineering.

BOURGIN, MARCIA A., Urbana, Biophysics.

BROOKS, PHILIP R., Hazel Crest, Chemistry.

BUCCINO, ALPHONSE, Chicago, Mathematics.

BURDICK, BOYCE, Evanston, Physics.

BUSHNELL, JAMES C., Urbana, Physics.

CABHART, RICHARD A., Evanston, Physics.

CARR, WAYNE E., Freeburg, Physics.

COLEMAN, SIDNEY R., Chicago, Physics.

COFFOLA, PATRICIA T., Greenville, Zoology.

CUSHING, JAMES T., Chicago, Physics.

DAVIS, MICHAEL M., Peoria, Astronomy.

DOMROESE, KENNETH A., Chicago, Zoology.

DONAHUE, JACK D., West Chicago, Earth Sciences.

DOUGLAS, ROY R., Northfield, Mathematics.

DOVE, WILLIAM F., Jr., Oak Park, Biochemistry.

ECKSTEIN, SHULAMITH G., Chicago, Physics.

EDIDIN, MICHAEL A., Chicago, Zoology.

EHLERT, DAVID L., Bellwood, Mathematics.

FRAENKEL, DAN G., Urbana, Medical Sciences.

FRYXELL, REDWOOD T. W., Rock Island, Earth Sciences.

GLADISE, YVONNE C., Waukegan, Biochemistry.

GOLIN, STUART J., Chicago, Physics.

GUSTAFSON, ROBERT D., Elmhurst, Engineering.

HALPERN, HERBERT P., Chicago, Mathematics.

HUMPHREYS, TOM D. II., Chicago, Zoology.

KERMICLE, JERRY L., Dundas, Genetics.

KEYSER, LEON F., Waukegan, Chemistry.

KLEMENT, WILLIAM, Jr., Bensenville, Engineering.

KRAMER, SHELDON J., Chicago, Engineering.

KRAWCZYK, GERALD R., Carbondale, Agriculture.

LEDBERER, CHARLES M., Chicago, Chemistry.

LELAND, KENNETH O., Chicago, Mathematics.

LEVINE, MICHAEL J., Chicago, Physics.

MARKS, SUZANNE C., Edwardsville, Zoology.

MASSEY, JAMES L., Ottawa, Engineering.

MCCRIMMON, KEVIN M., Urbana, Mathematics.

MIKULECKY, DONALD C., Berwyn, Medical Sciences.

MILGRAM, RICHARD J., Chicago, Mathematics.

MULLIN, MICHAEL M., Mount Carroll, Zoology.

NEFF, CAROL J., Chicago, Zoology.

NORTON, KARL K., Urbana, Mathematics.

OLSON, KENNETH E., Chicago, Engineering.

PAV, PETER A., Berwyn, Physics.

PRICE, JOHN C., Deerfield, Physics.

READEY, DENNIS W., Aurora, Engineering.

REINTS, ROBERT E., Jr., Sycamore, Engineering.

RIPPERGER, WILLIAM C., Bensenville, Mathematics.

ROWND, ROBERT H., Chicago, Medical Sciences.

RUDNICK, STANLEY J., Berkeley, Physics.

SACKETT, JAMES R., Northbrook, Anthropology.

SANDEL, VERNON R., Evanston, Chemistry.

SCHERTZ, DONALD R., Lowpoint, Engineering.

SHANKS, WESLEY L., Northlake, Physics.

SHEPARD, HARVEY K., Chicago, Physics.

SHREFFLER, DONALD C., Kankakee, Genetics.

SIEGEL, DANIEL M., Chicago, Physics.

SIMON, NANCY J., La Grange, Physics.

SWANK, ROBERT K., Urbana, Physics.

SWENTON, LYDIA, Chicago, Chemistry.

SWIDER, ANNA M., Chicago, Physics.

TINKLER, JACK D., Lansing, Engineering.

TREDWELL, JOHN, Chicago, Engineering.

URBBING, JOHN J., Chicago, Engineering.

VOLZ, RICHARD A., Woodstock, Engineering.

WEINER, JOHN L., Chicago, Earth Sciences.

WILKINS, JOHN W., Oak Park, Physics.

ZIMMERMAN, JOHN L., Champaign, Zoology.

Cooperative Graduate

ACKERMAN, BEBNICE, Chicago, Earth Sciences.

AHRENKIEL, RICHARD K., Athens, Physics.

ALLEN, RICHARD R., Belleville, Physics.

BEUSCHLEIN, MURIEL L., Chicago, Zoology.

BLUS, LAWRENCE J., Tilden, Zoology.

BRANDON, RONALD A., Champaign, Zoology.

BROWN, BERNARD T., O'Fallon, Engineering.

BRYA, WILLIAM J., Chicago, Engineering.

CARLSON, DONALD E., Tampico, Engineering.

CHLOUPEK, FRANK J., Berwyn, Chemistry.

ILLINOIS—Continued

CLAUSING, ARTHUR M., Palatine, Engineering.
 CLERON, VICTOR, Urbana, Chemistry.
 COATES, ROBERT M., Palatine, Chemistry.
 CURRIE, NEVA L., Loda, Zoology.
 DAMMANN, JAMES E., Wood River, Social Sciences.
 DORN, GORDON L., Chicago, Genetics.
 DUDLEY, RICHARD M., Flossmoor, Mathematics.
 FELDMAN, ALBERT, Chicago, Physics.
 FITZGERALD, THOMAS J., Chicago, Engineering.
 FOX, WILLIAM T., Evanston, Earth Sciences.
 GRADY, LEE T., Chicago, Chemistry.
 GRAFF, GEORGE C., Urbana, Mathematics.
 GRIEVES, ROBERT B., Chicago, Engineering.
 GRIFFIN, JOHN R., Du Quoin, Engineering.
 GROSSMAN, NATHANIEL, Aurora, Mathematics.
 GWYNN, DONALD E., Urbana, Chemistry.
 HAGEN, CARL R., Chicago, Physics.
 HANNON, WILLARD J., Elk Grove Vill, Earth Sciences.
 JOHNSON, GLENN R., Genesco, Agriculture.
 JONES, ROBERT M., Urbana, Engineering.
 KASER, JOHN D., Lemont, Engineering.
 KERRISK, JERRY F., Chicago, Engineering.
 KIRBY, DAVID B., Urbana, Engineering.
 KLEIN, HARVEY S., Chicago, Chemistry.
 LAPP, DOUGLAS M., Springfield, Physics.
 LARSON, JOHN G., Knoxville, Chemistry.
 LASAINE, ALFRED D., Chicago, Mathematics.
 LEE, KATHARINE W., Chicago, Biochemistry.
 LYDI, DAVID L., Wilmington, Chemistry.
 MALVICK, ALLAN J., Oak Lawn, Engineering.
 MATHEWS, WESLEY N., Jr., Champaign, Physics.
 McCLAUGHRY, JOHN T., Paris, Engineering.
 McCOBMICK, NORMAN J., Normal, Engineering.
 MERCIER, JOHN A., Oak Lawn, Engineering.
 MEYER, JOHN S., Lamolille, Mathematics.
 MEYER, MARSHALL D., Beardstown, Engineering.
 MORAN, DANIEL A., Chicago, Mathematics.
 MORRISON, JAMES D., Evanston, Chemistry.
 MORSE, THEODORE F., Evanston, Engineering.
 NUTTALL, RONALD L., Downers Grove, Psychology.
 O'CONNELL, EDWARD J., Jr., Evanston, Psychology.
 PERLMUTTER, DAVID M., Glencoe, Social Sciences.
 PERONE, SAM P., Rockford, Chemistry.
 REED, WILLIAM A., Evanston, Physics.
 REHM, RONALD G., Glen Ellyn, Engineering.
 REISS, LEWIS P., Urbana, Engineering.
 ROSENKRANTZ, WALTER A., Chicago, Mathematics.
 RUTLEDGE, ROBERT B., III, St. Louis, Mathematics.
 SATER, VERNON E., Chicago, Engineering.
 SATHRE, NORMAN F., Elmhurst, Engineering.
 SCHMALFELD, HAROLD W., Schiller Park, Agriculture.
 SMITH, HARRIET J., Chicago, Botany.
 SPITTLER, THOMAS M., Chicago, Chemistry.
 STEINMETZ, RICHARD, Evanston, Earth Sciences.
 SWENSON, GEORGE W., Chicago, Chemistry.
 SWOFFORD, HAROLD S., Jr., Champaign, Chemistry.
 SYLVESTER, RAYMOND M., Chicago, Chemistry.
 TRETS, DAVID W., Champaign, Biochemistry.

TRAPP, CHARLES A., Chicago, Chemistry.
 TURNER, FRED A., Chicago, Chemistry.
 VILLAREJO, MEBNA R., Chicago, Biochemistry.
 WADE, DAVID C., Champaign, Engineering.
 WALLER, DAVID W., Bellwood, Zoology.
 WATSON, HOWARD L., Jr., Arlington Heights, Mathematics.
 WEINER, HOWARD J., Chicago, Physics.
 WIEDEMANN, ALFRED M., Naperville, Agriculture.
 WILLIAMS, GLENN F., Chicago, Psychology.
 WINNICK, JACK, Chicago, Engineering.
 WITT, GERALD L., Alton, Physics.
 WOOD, ALLEN D., Palos Heights, Engineering.
 WYSOCKI, ALLEN J., Chicago, Chemistry.

Postdoctoral

BAKER, ROBERT H., Jr., Evanston, Biochemistry.
 BECK, JAMES R., Champaign, Chemistry.
 BISCHOFF, KENNETH B., Chicago, Engineering.
 BJORKEN, JAMES D., Park Ridge, Physics.
 COONEY, DAVID P., Evanston, Medical Sciences.
 GALLAGHER, JAMES J., Champaign, Psychology.
 GOLDBERG, JAY M., Chicago, Psychology.
 HAGER, EDWARD B., Hubbard Woods, Medical Sciences.
 HARRIS, BRUNO, Evanston, Mathematics.
 HARRIS, SAMUEL M., Chicago, Physics.
 KATOH, ARTHUR K., Urbana, Zoology.
 KINZEY, WARREN G., Chicago, Anthropology.
 KLEIN, MILES V., Chicago, Physics.
 MATCHETT, WILLIAM H., Elgin, Genetics.
 MINN, FREDRICK L., Waukegan, Chemistry.
 MOERILL, RICHARD L., Evanston, Social Sciences.
 OLOFSON, ROY A., Chicago, Chemistry.
 SCHLESSINGER, DAVID, Chicago, Biochemistry.
 STEINHART, JOHN S., Chicago, Earth Sciences.
 TALBOTT, RICHARD L., Elmhurst, Chemistry.
 WARD, HAROLD R., Mt. Vernon, Chemistry.
 WEISS, GUIDO L., Chicago, Mathematics.
 WOLF, NORMAN S., Chicago, Medical Sciences.

Senior Postdoctoral

ATWOOD, KIMBALL C., Chicago, Genetics.
 BOGORAD, LAWRENCE, Chicago, Biochemistry.
 LASHOF, RICHARD K., Chicago, Mathematics.
 YANKWICH, PETER E., Urbana, Chemistry.

Science Faculty

BEACH, NEIL W., Lake Forest, Zoology.
 BERGSTROM, ROBERT C., Cicero, Earth Sciences.
 CARNRY, ROSE A., Lisle, Physics.
 CLARK, HELEN M., Evanston, Mathematics.
 EMBREE, EARL O., Alton, Mathematics.
 HARMET, KENNETH H., De Kalb, Botany.
 LANDIN, JOSEPH, Urbana, Mathematics.
 LINDBECK, WENDELL A., De Kalb, Chemistry.
 MARK ABRAHAM M., Carbondale, Mathematics.
 MILLER, ROBERT L., Urbana, Chemistry.
 MOSBORG, ROBERT J., Urbana, Engineering.
 MURPHY, KENNETH H., Urbana, Mathematics.
 MURPHY, KENNETH W., Macomb, Physics.
 PALTER, ROBERT M., Chicago, Physics.
 SILBER, JACK, Chicago, Mathematics.
 STOECKER, WILBERT F., Urbana, Engineering.

WIESINGER, FREDERICK P., Urbana, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BAER, WALTER S., Glencoe, Physics.
BARKER, JOHN L., Jr., Chicago, Chemistry.
BAUMAN, STEVEN F., Urbana, Mathematics.
BIELLER, LARRY G., East Carondelet, Earth Sciences.

BLINN, WALTER C., Chicago, Zoology.
BURDI, ALPHONSE R., Chicago, Medical Sciences.

CARL, JAMES D., Centralia, Earth Sciences.
CHITTENDEN, DAVID H., Hazel Crest, Engineering.

DEMARR, RALPH A., Jacksonville, Mathematics.

DERWENT, JOHN E., Chicago, Mathematics.
DYBVIK, DOUGLAS H., Champaign, Chemistry.
FISHER, WILLIAM L., Marion, Earth Sciences.

FOELL, WESLEY K., Elgin, Physics.
FORD, JAMES A., Glenview, Engineering.
FRAMBS, FRANK A., Urbana, Zoology.
GABRL, NORMAN W., Chicago, Chemistry.
GERMANAS, DALIA, St. Charles, Chemistry.
GOLDMAN, JACK L., Chicago, Chemistry.
GURNEY, DONALD P., Jr., Chicago, Engineering.

HAYNES, LEROY W., Urbana, Chemistry.
HREN, JOHN A., Glen Ellyn, Engineering.
IWASYK, JOHN M., Bellwood, Engineering.
JOESTEN, MELVIN D., Rochelle, Chemistry.
KENT, JOHN C., Arlington Heights, Engineering.

LANGBERG, GEORGE, Champaign, Mathematics.
LARSON, CARL S., Urbana, Engineering.
LEAF, GARY K., Champaign, Mathematics.
LIBER, TED, Chicago, Engineering.
LYDY, DAVID L., Wilmington, Chemistry.
NEALE, ROBERT S., Champaign, Chemistry.
NEMETH, EDWARD M., S.J., Chicago, Chemistry.

NEWCOMER, RICHARD J., Princeton, Zoology.
O'BRIEN, RONALD J., Chicago, Physics.
O'NEIL, JAMES R., Chicago, Chemistry.
PETERS, JOSEPH A., Urbana, Mathematics.
PINTER, ROBERT B., Evanston, Engineering.
PRANGER, WALTER A., Jr., Cicero, Mathematics.

RIGGS, ELLIOTT A., Urbana, Earth Sciences.
SARLES, HARVEY B., Chicago, Anthropology.
SNITKER, MARTHA L., Ohlman, Chemistry.
STEINMETZ, RICHARD, Evanston, Earth Sciences.

STOCKMAN, DAVID L., Charleston, Chemistry.
STUEBEN, EDWIN F., Chicago, Mathematics.
SWOFFORD, HAROLD S., Jr., Champaign, Chemistry.

TIPTON, CHARLES M., Champaign, Medical Sciences.

WAHL, ARNOLD C., Chicago, Chemistry.
WALLER, THOMAS R., Elmwood Park, Earth Sciences.

WARD, HAROLD R., Mt. Vernon, Chemistry.
WEINER, HOWARD J., Chicago, Physics.
WITTHOFT, WILLIAM G., Chicago, Mathematics.

Summer Fellowships for Secondary School Teachers

BAUER, Sr. M. DARIA, Chicago, Biology.
BUCKLER, WILLIAM F., Aurora, Mathematics.
BURNS, ROBERT BYRON, Peoria, General Sciences.

BURROW, GEORGE IRVING, Port Byron, General Sciences.

CHRISTIAN, RAYMOND E., Chicago, Chemistry.
DEVINE, DONALD F., Park Forest, Mathematics.

EGOLF, THOMAS HENRY, Belleville, Physics.
HALL, RICHARD LOWELL, Evanston, Chemistry.

HART, HUGH E., Evanston, Mathematics.
HELM, HERBERT WOOLF, Chicago, Mathematics.

HIMES, EDWARD N., Maywood, Mathematics.
HOOVER, JAMES M., Batavia, Botany.

JAMES, BRUCE P., Winnetka, Mathematics.
KOHLEY, Sr. EVANGELISTA, Lagrange Park, Biology.

KRYCH, Sr. M. ANNELDE, Chicago, Biology.
LADD, NORMAN ELMER, Des Plaines, Mathematics.

LEATHERS, LEO J., Northbrook, Biology.
LINDHORN, ROBERT C., Berwyn, Mathematics.
MCNEAL, MOTH. MATTHIAS, Decatur, Biology.
MUCKERMANN, Sr. M. ALPHON, Breese, Biology.

MUELLER, PAUL NEAL, Arlington Heights, General Sciences.

MUNSON, NORMA F., Libertyville, Biology.
ROYE, JAMES PAUL, Dongola, Biology.

RUD, Sr. BERNARD MARY, Chicago, Biology.
RUDOLPH, EARL S., Decatur, Chemistry.
RUEFF, LAWRENCE E., Decatur, Biology.

SCHERRER, ROBERT HOWELL, Decatur, Biology.
STRETTON, WILLIAM C., Lagrange, Mathematics.

TENNEY, ARTHUR EDWARD, Winnetka, Mathematics.

WALKER, ELISABETH M., Hinsdale, Mathematics.

ZALOKAR, RONALD S., Roseville, Biology.
ZBOROWSKI, RICHARD A., Riverside, Mathematics.

ZIMMERMAN, ROBERT M., East Moline, Mathematics.

INDIANA

Graduate

BELINFANTE, JOHAN G., W. Lafayette, Physics.

COLEMAN, WILLIAM II, Vincennes, Social Sciences.

FISCH, MICHAEL H., Indianapolis, Chemistry.

FISHER, THORNTON R., Indianapolis, Physics.
KOKINDA, JOHN J., Gary, Engineering.

KOVATS, THOMAS A., Ft. Wayne, Physics.
LARNER, DANIEL M., Indianapolis, Social Sciences.

LEGG, JAMES C., Windfall, Physics.
MARTIN, EDWARD S., Terre Haute, Chemistry.

MILES, GLEN A., Cloverdale, Engineering.
NADING, LEWIS K., Indianapolis, Genetics.

NEUMANN, HOLM W., Bloomington, Anthropology.

PARR, JAMES T., Lebanon, Mathematics.
PETERS, PHILIP C., Chesterton, Physics.

POHL, WILLIAM F., Michigan City, Mathematics.

PURSELL, STEPHEN A., Indianapolis, Engineering.

RAGLAND, THOMAS E., North Salem, Biochemistry.

RIGG, ROBERT G., Hammond, Engineering.
ROOT, FORREST K., Bedford, Earth Sciences.

SANDERS, WILLIAM A., Oxford, Chemistry.
SCHERRER, KIRBY V., Jr., Evansville, Chemistry.

INDIANA—Continued

SCHMALBERGER, DONALD C., Bloomington, Astronomy.
 SHEERWOOD, BRUCE A., W. Lafayette, Physics.
 SIMS, CHARLES C., Elkhart, Mathematics.
 VANDEVELDE, JOSEPH R., West Baden Springs, Mathematics.

Cooperative Graduate

BLACKWELL, FREDERICK W., Elkhart, Mathematics.
 BOEHMAN, LOUIS I., St. Meinrad, Engineering.
 BROSHAAR, WAYNE C., Crawfordsville, Physics.
 BRUNNER, PHILIP W., Ossian, Engineering.
 CHIDDISTER, JERRY L., Goshen, Engineering.
 COLB, MICHAEL, Bloomington, Psychology.
 CORK, MAX J., Terre Haute, Engineering.
 DAVIDSON, ERNEST R., Bloomington, Chemistry.
 DAY, GEORGE W., W. Lafayette, Mathematics.
 DEHAAN, FRANKLIN P., W. Lafayette, Chemistry.
 DERUDDER, RONALD D., Bloomington, Earth Sciences.
 DILLING, WENDELL L., W. Lafayette, Chemistry.
 EMMERSON, JOHN L., Owensville, Medical Sciences.
 FULLER, RAY W., W. Lafayette, Biochemistry.
 GROSSMAN, RICHARD F., Marlon, Chemistry.
 KELLAM, JOHN M. Jr., Indianapolis, Engineering.
 KENDALL, STEPHEN B., Marlon, Psychology.
 KNILL, RONALD J., Notre Dame, Mathematics.
 LAWVERE, FRANCIS W., Jr., Upland, Mathematics.
 LINBLEY, WILLIAM T., Ft. Wayne, Engineering.
 MCCARTY, CHARLES B., Lawrenceburg, Engineering.
 MOSBY, JAMES F., Indianapolis, Engineering.
 O'NEILL, RONALD C., Lafayette, Mathematics.
 PEALE, STANTON J., Indianapolis, Engineering.
 RHODE, JASPER I., Lafayette, Physics.
 THOMPSON, MAYNARD D., Michigan City, Mathematics.
 WHEELER, JOSEPH D., W. Lafayette, Engineering.

Postdoctoral

WILLIAMS, ROBERT F., W. Lafayette, Mathematics.
 ZEFS, VALDIS J., Bloomington, Social Sciences.

Senior Postdoctoral

AXELROD, BERNARD, Lafayette, Biochemistry.
 ROSS, MARC H., Bloomington, Physics.
 TRUESDELL, CLIFFORD A., Bloomington, Mathematics.

Science Faculty

BRETSCHER, MIRIAM E., Valparaiso, Mathematics.
 DOEDEN, GERALD E., Muncie, Chemistry.
 EMERY, ALDEN H., Jr., Lafayette, Engineering.
 MARTIN, Sr. M. CELINE, Fort Wayne, Biology.
 MURPHY, FR. MICHAEL J., Notre Dame, Earth Sciences.
 PASCHALL, HOMER D., Muncie, Zoology.

SCHAAPE, WARD B., Bloomington, Chemistry.
 TELFAIR, DAVID, Richmond, Physics.
 TRESSLER, JOHN B., Angola, Physics.

Summer Fellowships for Graduate Teaching Assistants

BURLINGTON, ROY F., W. Lafayette, Zoology.
 COLEMAN, WILLIAM II., Vincennes, Social Sciences.
 DENISE, RICHARD W., W. Lafayette, Engineering.
 DERUDDER, RONALD D., Bloomington, Earth Sciences.
 GREEN, JOHN W., Garrett, Chemistry.
 HANSON, GEORGE P., Bloomington, Genetics.
 JOHNSON, LOWELL B., W. Lafayette, Botany.
 KEITH, JAMES E., Plymouth, Chemistry.
 KELSEY, CHARLES A., South Bend, Physics.
 KIRK, WILLIAM A., Reelsville, Mathematics.
 MAXON, MARSHALL S., Bloomington, Physics.
 MCDOWELL, JOHN W., Jr., Bloomington, Chemistry.
 MENOLD, ERNEST R., South Bend, Engineering.
 RICKTER, DONALD O., W. Lafayette, Chemistry.
 UECKER, FRANCIS A., Fort Wayne, Botany.
 WILDIN, MAURICE W., W. Lafayette, Engineering.
 WILSON, HOWARD L., Bloomington, Physics.
 YAQUB, FAWZI M., W. Lafayette, Mathematics.

Summer Fellowships for Secondary School Teachers

ALLEN JESSE BYRON, Whiting, Mathematics.
 BUDENSIEK, RONALD KEITH, Muncie, Chemistry.
 CRABILL, L. DELMAR, Logansport, Mathematics.
 DENNE, GILBERT, Michigan City, Biology.
 DEYOUNG, PETER J., W. Lafayette, Mathematics.
 FLANSBURG, GLENN E., Hammond, Mathematics.
 FREDERICK, TERRY JOE, Vincennes, Mathematics.
 GOODNIGHT, FREDRICK H., North Judson, Biology.
 KINCAID, WAYNE H., Indianapolis, General Sciences.
 PAYNE, KENNETH EARL, Terre Haute, Biology.
 RAMSEY, VIOLA ALICE, Indianapolis, Mathematics.
 RICE, JACK ALLEN, Logansport, Mathematics.
 SCHILLING, ROBERT G., Frankfort, Mathematics.
 SMITH, MARVIN DELBERT, Indianapolis, Biology.
 SMITH, MARY CAROLYN, Hoagland, Mathematics.
 WHITE, STANLEY A., Clarksville, Mathematics.

IOWA

Graduate

ANDERSON, JAMES R., Ames, Physics.
 BERGE, GLENN L., Decorah, Astronomy.
 BERRY, JOHN C., Ames, Engineering.
 EGGER, CARL T., Monticello, Engineering.
 HALL, GRACE W., Iowa City, Chemistry.
 HANDY, Sr. M. ANTONIA, Dubuque, Genetics.
 HANSON, FRANK E., Jr., Hawarden, Zoology.
 KOHLMAN, DAVID L., Lamoni, Engineering.

LANDWEBER, PETER S., Iowa City, Mathematics.
LILLEHOJ, EIVIND B., Kimballton, Botany.
NICOLSON, DAN H., Shenandoah, Botany.
POLKING, JOHN C., Breda, Mathematics.
PULLEY, ARDEN O., Ames, Biochemistry.
SARGENT, PETER B., Cedar Rapids, Chemistry.
STUDIER, FREDERICK W., Waverly, Biophysics.
SUNDBERG, RICHARD J., Linn Grove, Chemistry.
THOMAS, BRUCE R., Guthrie Center, Physics.
TOGEAS, JAMES B., Fort Dodge, Chemistry.
WEIDLER, DONALD J., New Hampton, Zoology.

Cooperative Graduate

BERGSON, JOHN E., Sioux City, Physics.
BOVBERG, ANN M., Iowa City, Zoology.
CARLSON, CLARENCE A., Jr., Ames, Zoology.
CHASE, JOHN W., Council Bluffs, Chemistry.
COONCE, HARRY B., Ames, Mathematics.
DAHM, ARNOLD J., Pella, Physics.
DANKLEFF, MARY A., Cedar Falls, Chemistry.
DILLMAN, NORMAN G., Ames, Engineering.
DIVEBISS, JAMES E., Iowa City, Genetics.
DIXON, CHRIST D., Corning, Mathematics.
FRANK, LOUIS A., Fort Madison, Physics.
GABRIELSON, JAMES E., Cedar Rapids, Engineering.
GOBEN, CHARLES A., Charlton, Engineering.
GOODMAN, MAJOR M., Des Moines, Genetics.
GURALNIK, GERALD S., Cedar Falls, Physics.
HAENSEL, HUBERT D., Ames, Botany.
HOFFMAN, LARRY R., Sigourney, Botany.
HORNOCKER, MAURICE G., Allerton, Zoology.
HOVERSTEN, ESTIL V., Ames, Engineering.
HOWREY, EUGENE P., Fairfield, Social Sciences.
JOHNSON, KENT E., Davenport, Earth Sciences.

KLEESE, ROGER A., Ames, Agriculture.
KRISTIANSON, BRYANT N., Ogden, Engineering.
LIGON, JAMES T., Ames, Engineering.
MARSHALL, MARILYN E., Iowa City, Psychology.
MARTIN, JOSEPH M., Keokuk, Mathematics.
MATHRE, DONALD E., Ames, Botany.
PETRO, JOHN W., Iowa City, Mathematics.
RATLIFF, LOUIS J., Jr., Marion, Mathematics.
RIDDELL, NANCY C., Ames, Zoology.
SAYLOR, LEROY C., Cedar Rapids, Genetics.
SMALLEY, KATHERINE N., Iowa City, Zoology.
SMITH, KEITH P., Boone, Mathematics.
TRAPOLD, MILTON A., Iowa City, Psychology.
WATSON, GEORGE A., Knoxville, Engineering.
WAUER, JOHN C., Sioux City, Engineering.
WOODY, ROBERT W., Newton, Chemistry.

Postdoctoral

ROBERTS, WALDEN K., Lamoni, Biochemistry.

Senior Postdoctoral

GOOD, ROLAND H., Jr., Iowa City, Physics.
THORNE, ROBERT F., Iowa City, Botany.

Science Faculty

ANDERSON, PAUL M., Iowa City, Engineering.
HAGAN, Sr. MARY M., Dubuque, Chemistry.
KENNELLY, Sr. MARY M., Dubuque, Chemistry.
STREIB, WILLIAM J., Iowa City, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BATHIE, WILLIAM W., Ames, Engineering.
BIRKENHOLZ, DALE E., Prairie City, Zoology.

BUEKER, ROBERT C., Ames, Mathematics.
CLAMPITT, PHILIP T., Des Moines, Zoology.
GORTLER, LEON B., Des Moines, Chemistry.
JOHNSON, BRUCE L., Ames, Engineering.
KLAPPER, GILBERT J., Iowa City, Earth Sciences.
LUTHER, NORMAN Y., Iowa City, Mathematics.
MARTIN, JOSEPH M., Keokuk, Mathematics.
MCINTOSH, THOMAS H., Ames, Agriculture.
MITCHELL, ROGER L., Grinnell, Agriculture.
MULFORD, CHARLES L., Iowa Falls, Social Sciences.
RICHARDSON, WILLIAM H., Ames, Mathematics.

ROISEN, BENJAMIN A., Northwood, Mathematics.
SCHMITZ, FRANCIS J., Jesup, Chemistry.
SMALLEY, KATHERINE N., Iowa City, Zoology.
SMITH, KEITH P., Boone, Mathematics.
THOMAS, ROBERT W., Jr., Ames, Social Sciences.

Summer Fellowships for Secondary School Teachers

CROSSWHITE, F. JOE, Keokuk, Mathematics.
EBERT, WAYNE E., Clarion, Biology.
FETT, GORDON F., Aurelia, Mathematics.
HOHLFELD, JOSEPH F., Cedar Falls, Mathematics.
MAUSETH, HARRY A., Iowa City, Biology.
OHL, LLOYD EUGENE, Fort Madison, Biology.
OSHER, ROBERT ELMER, Marshalltown, Mathematics.
SCHAUB, RUSSELL E., Titonka, Mathematics.
SNYDER, JOHN D., Carroll, Mathematics.
TRUMP, RICHARD F., Ames, Zoology.

KANSAS

Graduate

BERRY, WILLIAM H., Kansas City, Mathematics.
CEDERBERG, JAMES W., Herndon, Physics.
DAVIS, JOHN A., Jr., Topeka, Engineering.
ENOS, PAUL P., Perry, Earth Sciences.
FIEOCK, FRANK D., Lawrence, Physics.
FRITZE, BERNARD H., Emporia, Zoology.
HARMS, CLARENCE E., Hillsboro, Zoology.
HAYS, BYRON G., Wichita, Chemistry.
JOHNSON, MILFORD A., Jr., Iola, Engineering.
KEVAN, LARRY J., Kansas City, Chemistry.
MANTHEY, JOHN P., Sharon Springs, Engineering.
ONTJES, DAVID A., Hutchinson, Medical Sciences.
RAMSAY, ARLAN B., Dodge City, Mathematics.
REYNOLDS, WYNETKA A., Emporia, Zoology.
RICHERT, ANTON S., Wichita, Physics.
ROOT, JOHN W., Shawnee, Chemistry.
SETSER, DONALD W., Hudson, Chemistry.
SINKHORN, RICHARD D., Wichita, Mathematics.
TEMPLIN, ANNETTE, St. John, Microbiology.
UNRUH, WESLEY P., Lawrence, Physics.
WHITEHEAD, C. THOMAS, Columbus, Engineering.
ZIMMERMAN, JOHN F., Lawrence, Chemistry.

Cooperative Graduate

BRYAN, DAVID R., Elkhart, Mathematics.
BUTLER, RONALD D., Manhattan, Chemistry.
DAVIS, ELMER E., Haviland, Mathematics.
DEALY, JOHN M., Wichita, Engineering.
FOULKE, LARRY R., Kiowa, Engineering.
HANNA, JOSEPH F., Dighton, Mathematics.

KANSAS—Continued

HOBSON, ARTHUR S., Manhattan, Physics.
HORNE, FREDERICK H., Mission, Chemistry.
JUSTICE, WAYMAN P., Manhattan, Genetics.
MAIER, RICHARD A., Manhattan, Psychology.
MAILEN, JAMES C., Wichita, Engineering.
MANAHAN, STANLEY E., Peabody, Chemistry.
McCARTY, CHARLES G., Wichita, Chemistry.
PLATT, DWIGHT R., Newton, Zoology.
RUMPEL, MAX L., Ogallah, Chemistry.
SENECAL, REV. GERARD, Atchison, Physics.
SKINNER, JAMES L., Lincoln, Engineering.
STUTH, CHARLES J., Lawrence, Mathematics.
TUCKER, PATRICIA A., Emporia, Mathematics.
WEIDMAN, DONALD R., Kansas City, Mathematics.
ZAHNLEY, JAMES C., Manhattan, Biochemistry.

Science Faculty

CLARKE, ROBERT F., Emporia, Zoology.
LINDLY, EDWIN C., Manhattan, Engineering.
PROPHET, CARL W., Emporia, Zoology.
SIMPKIN, WILLIAM E., Wichita, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BROWN, SHANNON R., Topeka, Social Sciences.
FISH, VERNON R., Parsons, Engineering.
GAUGHAN, EDWARD D., Lawrence, Mathematics.
HISS, WILLIAM L., Phillipsburg, Earth Sciences.

JOHNSON, RALPH T., Jr., Salina, Physics.
JONES, DELBERT M., Great Bend, Physics.
LONG, JOHN B., Topeka, Psychology.
MANUEL, OLIVER K., Wichita, Chemistry.
ROGERS, GARY B., Manhattan, Engineering.
STUTH, CHARLES J., Lawrence, Mathematics.

Summer Fellowships for Secondary School Teachers

ALDRIDGE, BILLY G., Bethel, Physics.
DAVIDSON, JOSEPH G., Bethel, Biology.
EDER, RICHARD LEE, Scott City, Biology.
EISELE, GEORGE ANTHONY, Quinter, Mathematics.
HENDRIX, JULIA C., Kansas City, Mathematics.
HUNT, STANLEY L., Wichita, Biology.
JANDER, JOHN C., Liberal, Mathematics.
MILLS, ROBERT B., Topeka, Biology.
PETERS, WILLARD H., Wichita, Biology.

KENTUCKY

Graduate

ALVERSON, WILLIAM K., Lexington, Engineering.
HARDIN, BOBBY O., Lexington, Engineering.
KONSLER, THOMAS R., Henderson, Biology.
LAYSON, WILLIAM M., Millersburg, Physics.
MELTON, CHARLES G., Jr., Henderson, Biology.
PORTER, MARCELLUS C., Louisville, Engineering.
RIEHM, CHARLES E., Jr., Louisville, Engineering.
SUICH, JOHN E., Louisville, Engineering.
WESSEL, WILLIAM L., Louisville, Physics.
WHITESIDES, GEORGE M., Anchorage, Chemistry.

Cooperative Graduate

ADE, FREDERICK C., Louisville, Engineering.
BEALS, RALPH E., Lexington, Social Sciences.
CAMMACK, FLOYD M., Lexington, Anthropology.

CHAVENS, NORMAN Y., Owensboro, Engineering.
CRAWFORD, THOMAS H., Louisville, Chemistry.
HOCHSTRASSER, DONALD L., Fisherville, Anthropology.
HOHMAN, SR. BENEDICT, Louisville, Chemistry.
INMAN, WILLIAM C., Lexington, Psychology.
KAFESJIAN, RALPH, Louisville, Engineering.
LAMB, RICHARD C., Lexington, Physics.
MATTOX, DONALD M., Lexington, Physics.
MEITMAN, JAMES R., Louisville, Agriculture.
MONROE, BURT L., Jr., Anchorage, Zoology.
MOORE, GEORGE C., Bowling Green, Physics.
RAMBY, KERMIT C., Lexington, Chemistry.
RICHARDS, HUBERT L., Lexington, Chemistry.
SLAUGHTER, GEORGE T., Hardyville, Engineering.
SLEDD, WILLIAM T., Murray, Mathematics.
STAPLES, CODY E., Louisville, Chemistry.
WITTE, C. GAY, Louisville, Psychology.

Postdoctoral

GRAY, HARRY B., Bowling Green, Chemistry.

Science Faculty

CHEATHAM, NELL SUE, Morehead, Zoology.
JENKINS, LEO B., Jr., Louisville, Engineering.
MARSHALL, MAURICE K., Lexington, Engineering.
SMITH, CHARLES G., Paducah, Zoology.
STRICKLER, THOMAS D., Berea, Physics.

Summer Fellowships for Graduate Teaching Assistants

BYRD, DAVID S., Louisville, Chemistry.
COLEMAN, DONALD B., Owensboro, Mathematics.
KING, JERRY P., Murray, Mathematics.
REKMR, JOSEPH R., Louisville, Engineering.
SLEDD, WILLIAM T., Murray, Mathematics.
TILFORD, SHELBY G., Clarkson, Chemistry.

Summer Fellowships for Secondary School Teachers

HEMMERLE, SR. M. CAROLINE, Covington, Biology.
KIMBEL, SR. M. EVA, Louisville, Chemistry.
KLINGENBERG, SR. J. M., Covington, Mathematics.
MADDEN, SR. M. CAECILLA, Covington, Physics.
ROSE, VIRGIL UHLAN, Louisville, Biology.
STALLINGS, SR. M. CONSOLA, Springfield, Mathematics.
STURMAN, DOLLY G., Louisville, Mathematics.
SYKES, HARRY N., Lexington, Mathematics.
WARE, WILLA C., Louisville, Mathematics.

LOUISIANA

Graduate

BERGERON, WILLIAM J., Eunice, Engineering.
CARROLL, KEITH J., New Iberia, Physics.
FRICKEN, RAYMOND L., New Orleans, Physics.
GRAHAM, EDWARD W., Natchitoches, Chemistry.
MURRILL, PAUL W., Lake Charles, Engineering.
NIX, JAMES R., Natchitoches, Physics.
PENNEY, DAVID E., New Orleans, Mathematics.

SMITH, WARREN D., Deridder, Engineering.
WILLIS, DONALD E., Baton Rouge, Chemistry.

Cooperative Graduate

BLEICHER, MICHAEL N., New Orleans, Mathematics.
DECK, RONALD J., New Orleans, Physics.
EIDSON, WILLIAM W., New Orleans, Physics.
ELDER, ELEANOR S., Baton Rouge, Chemistry.
GONOR, JEFFERSON J., Lafayette, Zoology.
HOLLAND, WILBUR C., New Orleans, Mathematics.
HUSSEY, ROBERT G., Shreveport, Physics.
MALONE, DAVID H., New Orleans, Social Sciences.
SAY, GROFFREY R., Baton Rouge, Engineering.
SAY, ROBERT L., Baton Rouge, Engineering.
YOUNG, WARREN L., Eunice, Chemistry.

Science Faculty

AUCOIN, CLAYTON V., LaFayette, Mathematics.
BUSSELL, WILLIAM H., Ruston, Engineering.
CRAIG, WILLIAM W., Baton Rouge, Earth Sciences.
EDWARDS, CHARLES H., Jr., Ruston, Engineering.
ESHELMAN, HOWARD C., LaFayette, Chemistry.
FREDERICK, LAFAYETTE, Baton Rouge, Botany.
TIMON, WILLIAM E., Jr., Natchitoches, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

DARST, RICHARD B., Baton Rouge, Mathematics.
GONOR, JEFFERSON J., LaFayette, Zoology.
LARKIN, JOEL M., New Orleans, Chemistry.
LEWIS, LORALEE I., New Orleans, Zoology.
SHOOP, C. ROBERT, New Orleans, Zoology.
SIMMONS, LEONARD M., Jr., Baton Rouge, Physics.
WHARTON, JAMES H., Monroe, Chemistry.
WILLARD, THOMAS M., New Orleans, Chemistry.

Summer Fellowships for Secondary School Teachers

DUNN, EUNICE R., Monroe, Mathematics.
EDNEY, MABEL MORGAN, DUSON, Mathematics.
GUILLORY, JERRY LEE, Marksville, Mathematics.
JONES, CURTIS J., Lake Charles, Mathematics.
KILLGORE, JOHN RAY, Haynesville, Mathematics.
KOELSCH, Sr. M. FLORENTIA, Baton Rouge, Biology.
LEE, BRO. EDWARD P., New Orleans, Mathematics.
MCKEE, JOYCE T., New Orleans, Zoology.
RICARDO, RALPH E., Donaldsonville, Mathematics.
SCHAFF, Sr. M. JOANNES, New Orleans, Biology.
THOMAS, JAMES ORELL, Haynesville, Mathematics.
WINTERS, Sr. M. MAJELLA, New Orleans, Biology.

MAINE

Graduate

BURNS, STEPHEN H., Friendship, Physics.
MYHRMAN, MATTS A., Lewiston, Earth Science.
O'CONNOR, BRIAN R., Lewiston, Chemistry.
SCOTT, SARAH V., Bar Harbor, Anthropology.
TURNER, JAMES H., Skowhegan, Physics.

Cooperative Graduate

AGATHOS, LOUIS, Orono, Engineering.
BARON, ROSE M., Orono, Social Sciences.
BROOKS, KARL M., Thomaston, Psychology.
FURROW, STANLEY D., Bangor, Chemistry.
ORCUTT, RONALD H., Rockland, Chemistry.
PERRIN, CARLETON E., Falmouth, Chemistry.
THORPE, JOHN A., Auburn, Mathematics.

Science Faculty

DODGE, CLAYTON W., Orono, Mathematics.
LACASSE, ELROY O., Jr., Brunswick, Physics.

Summer Fellowships for Graduate Teaching Assistants

BARKER, DANIEL S., North Whitefield, Earth Sciences.
HART, JEAN G., Orono, Mathematics.
HARTT, JOHN K., Fort Kent, Physics.
RICH, NATHAN H. III, Old Town, Physics.
SOTTEY, THEODORE W., Orono, Chemistry.

MARYLAND

Graduate

ANDERSON, DON L., Baltimore, Earth Sciences.
BIRDSALL, WILLIAM C., Baltimore, Social Sciences.
BROWN, ROBERT L., Kensington, Chemistry.
BROWN, STANLEY G., Kensington, Physics.
CURTIS, EDWARD B., Annapolis, Mathematics.
DENHARDT, DAVID T., Baltimore, Biophysics.
DOBSON, PETER N., Jr., Baltimore, Physics.
DUNLEAVY, Sr., M. ROSALEEN, Baltimore, Microbiology.
Dwyer, THOMAS F., Baltimore, Engineering.
FERGUSON, JOHN D., Bishop Head, Mathematics.
FOY, WADE H., Jr., Baltimore, Engineering.
HAUK, PETER, Chevy Chase, Chemistry.
HOLLAND, NICHOLAS D., Chevy Chase, Zoology.
LICHT, ARTHUR L., Silver Spring, Physics.
MECKEL, LAWRENCE D., Jr., Baltimore, Earth Sciences.
MILLERD, WILLIAM H., Jr., Baltimore, Physics.
MORRIS, JOHN E., Silver Spring, Biotechnology.
SHARNOFF, MARK, Chevy Chase, Physics.
SIGER, ALVIN, Baltimore, Biophysics.
SMITH, DAVID A., Pocomoke City, Mathematics.
VANTREES, HARRY L., Jr., Glen Burnie, Engineering.
WARNER, JONATHAN R., Bethesda, Biophysics.
WELLS, ROBERT, Bethesda, Mathematics.
WHITLOCK, HOWARD W., Jr., University Park, Chemistry.
ZIPP, EDWARD C., Jr., Baltimore, Physics.

Cooperative Graduate

AKS, STANLEY, College Park, Physics.
BERK, KENNETH N., Hyattsville, Physics.
BURSEY, MAURICE M., Baltimore, Chemistry.
DORN, CONRAD P., Jr., Baltimore, Chemistry.
FINK, DONALD L., Baltimore, Engineering.

MARYLAND—Continued

FORMAN, RICHARD T., Easton, Botany.
 FULLEB, GERALD L., West Hyattsville, Engineering.
 JONES, DONALD G., Takoma Park, Chemistry.
 KANTOR, PAUL B., Silver Spring, Physics.
 LAMPE, DONALD R., Baltimore, Engineering.
 LEON, MELVIN, West Hyattsville, Physics.
 MADSEN, ERNEST L., District Heights, Physics.
 MARTIN, RICHARD L., Baltimore, Engineering.
 MULLALLY, JANET J., Bethesda, Mathematics.
 QUIN, ROBERT G., Hagerstown, Physics.
 RAWLINGS, HOWARD P., Baltimore, Mathematics.
 SACKS, ROBERT C., Baltimore, Engineering.
 SOMERLOCK, CHARLES R., Baltimore, Engineering.
 WEBER, HARRY W., Jr., Baltimore, Chemistry.

Postdoctoral

ADAMS, WILLIAM H., Glen Burnie, Chemistry.
 FISKE, RICHARD S., Baltimore, Earth Sciences.
 HOFFMANN, LOUIS G., Baltimore, Microbiology.
 STOKES, ARNOLD P., Baltimore, Mathematics.

Senior Postdoctoral

AMES, BRUCE N., Bethesda, Biochemistry.
 MADANSKY, LEON, Baltimore, Physics.
 WASHNITZER, GERARD, Baltimore, Mathematics.

Science Faculty

EMERSON, DON A., LaVale, Zoology.
 KEBSCHNER, JEAN, Westminster, Medical Sciences.
 MUMA, HAROLD E., Baltimore, Zoology.
 SCHICK, IRVIN H., Takoma Park, Engineering.

Summer Fellowships for Graduate Teaching Assistants

ADAMS, EDWARD F., Hyattsville, Engineering.
 BRIERLEY, GERALD P., Greenbelt, Biochemistry.
 BRIDY, ROBERT G., Hagerstown, Chemistry.
 FORMAN, RICHARD T., Easton, Botany.
 HURLBUTT, HENRY W., College Park, Zoology.
 MADSEN, ERNEST L., District Heights, Physics.
 STOUT, JOHN F., Takoma Park, Zoology.
 WENZINGER, GEORGE R., Chevy Chase, Chemistry.
 WRIGHT, THOMAS L., Baltimore, Earth Sciences.

Summer Fellowships for Secondary School Teachers

CAREY, HELEN SIMMONS, Catonsville, Mathematics.
 FARLEY, WILLIAM J., Baltimore, Mathematics.
 FITZPATRICK, SR. ANCILLA, Baltimore, Zoology.
 GENTRY, SR. DORIS ANN, Baltimore, Mathematics.
 HOFHERR, SR. MARGARET, Baltimore, Mathematics.
 HOPKINS, BELVA H., Beltsville, Mathematics.
 JOHNSON, PATRICIA L., Wheaton, Mathematics.
 O'NEILL, BRO. GODFREY C., Baltimore, Mathematics.

STARK, WILLIAM DAVID, Silver Spring, General Sciences.

MASSACHUSETTS

Graduate

ALPERIN, JONATHAN L., Newton, Mathematics.
 BIRMINGHAM, THOMAS J., Milford, Physics.
 BLUMENTHAL, RALPH B., Cambridge, Physics.
 BROWN, MARIANNE S., Waltham, Mathematics.
 CARROLL, ALAN S., Cambridge, Physics.
 CHASE, THEODORE, JR., Dover, Biochemistry.
 CLEARY, RICHARD T., Boston, Biochemistry.
 COMLY, JAMES B., Cambridge, Engineering.
 COVITZ, FRANK H., Dorchester, Chemistry.
 DIAMOND, JARED M., Brookline, Medical Sciences.
 DIX, MICHAEL W., Wayland, Zoology.
 DOBBINS, ROBERT R., Boston, Physics.
 FEDERER, CHARLES A. III, Belmont, Agriculture.
 FUCHS, NORMAN H., Boston, Physics.
 FULTON, ROBERT L., East Weymouth, Chemistry.
 GERSTEIN, IRA S., Cambridge, Physics.
 GIBBS, SARAH P., Belmont, Zoology.
 GLOWACKI, ELLEN R., Winchester, Biochemistry.
 GOLD, LEWIS P., Brockton, Chemistry.
 GOODRICH, ROBERT L., Cambridge, Physics.
 GUILLEMIN, VICTOR W., Belmont, Mathematics.
 HOWLAND, JOHN L., Quincy, Microbiology.
 HUNT, THOMAS K., Belmont, Physics.
 INGRAHAM, JOHN C., Boston, Physics.
 JAMESON, PAUL W., Cambridge, Engineering.
 JOLLY, HENRY P., JR., Boston, Physics.
 KNIGHT, WILLIAM S., West Springfield, Chemistry.
 LANDE, ALEXANDEB, Cambridge, Physics.
 LOCKSHIN, RICHARD A., Northampton, Zoology.
 MARK, ROGER G., Chestnut Hill, Engineering.
 MOORE, CHARLES B., Beverly Farms, Chemistry.
 NELSON, RALPH D., JR., Westboro, Chemistry.
 NESSON, MICHAEL H., Brighton, Microbiology.
 POULTNEY, SHERMAN K., Leominster, Physics.
 ROZIN, PAUL N., Cambridge, Psychology.
 SAVIN, HARRIS B., Newton Highland, Psychology.
 SCHEINBAUM, MONTE L., Cambridge, Chemistry.
 SCHELL, ALLAN C., Medford, Engineering.
 SCHOWEN, RICHARD L., Cambridge, Chemistry.
 SULLIVAN, JEREMIAH D., Foxboro, Physics.
 THORNTON, ROBERT M., Cambridge, Botany.
 WARD, HAROLD N., Cambridge, Mathematics.
 WAXMAN, NAHUM J., Cambridge, Anthropology.
 WHITIER, DEAN P., Millbury, Botany.
 WILLIAMS, DAVID C., Belmont, Chemistry.
 YEGIAN, CHARLES D., Amherst, Biophysics.

Cooperative Graduate

ADLER, DAVID, Cambridge, Physics.
 AVERNER, MELVIN J., Newtonville, Zoology.
 BELL, JERRY A., Cambridge, Chemistry.
 BONVINI, GLADYS H., West Medway, Genetics.

BURSTYN, HAROLD L., Cambridge, Social Sciences.

CHIN, GILBERT Y., Boston, Engineering.

CONLEY, BRENDA S., Cambridge, Biology.

DALBY, HENRY O., Jr., Braintree, Chemistry.

DURGIN, CHARLES B., Waltham, Engineering.

ELLETT, MILDRED H., Boston, Biology.

FOGLESONG, GEORGE M., Newtonville, Physics.

FORD, DWAIN L., Lancaster, Biochemistry.

FORSLUND, DONALD C., Norwell, Engineering.

FORSLUND, ROBERT P., Norwell, Engineering.

GOODMAN, NELSON S., Allston, Zoology.

HOHENBERG, PIERRE C., Cambridge, Physics.

HOWE, NORMAN M., Jr., Princeton, Engineering.

KABASAKALIAN, LEVON, Newtonville, Psychology.

KUSIK, CHARLES L., Richmond, Engineering.

LEYON, ROBERT E., Wellesley Hills, Chemistry.

MIDTTUN, OLE H., New Bedford, Engineering.

MILLS, WAYNE A., Natick, Physics.

NORDVYDT, KENNETH L., Jr., Boston, Physics.

NOSHKIN, VICTOR E., Jr., Worcester, Chemistry.

PASTERCEYK, FRANCIS W., Chicopee Falls, Engineering.

PHILLIPS, E. ALAN, South Lincoln, Physics.

PHILLIPS, ROGER C., Boston, Chemistry.

PLOCKE, DONALD J., Boston, Biophysics.

PLUTA, PHILIP R., Brockton, Engineering.

RHOADES, RICHARD G., Northampton, Engineering.

RUSSELL, ANTHONY P., Boston, Zoology.

SANDERSON, RICHARD B., Cambridge, Physics.

SCHMIDT, JOHN P., Holyoke, Engineering.

SEIDMAN, AARON, Cambridge, Genetics.

SIMON, JOSEPH L., Lexington, Zoology.

SMITH, ALAN B., Belmont, Engineering.

SMITH, KENNETH A., Winthrop, Engineering.

STOLZENBERG, LOUIS G., Boston, Mathematics.

STRAUSS, RICHARD A., Revere, Engineering.

VONBUSICH, STEFANIE, Framingham, Social Sciences.

Postdoctoral

BAYM, GORDON A., Pittsfield, Physics.

HOOD, WILLIAM B., Jr., Boston, Medical Sciences.

Senior Postdoctoral

CALDWELL, DAVID O., Cambridge, Physics.

FRISCH, DAVID H., Cambridge, Physics.

GROSS, EUGENE P., Waltham, Physics.

MOVIUS, HALLAM L., Jr., Cambridge, Anthropology.

POLLACK, IRWIN, Cambridge, Psychology.

RAPER, JOHN R., Cambridge, Genetics.

SHAPIRO, ARNOLD S., Waltham, Mathematics.

TWAROG, BETTY M., Cambridge, Zoology.

Science Faculty

BRAUNER, PHYLLIS A., Boston, Chemistry.

CLAYTON, JOE T., Amherst, Engineering.

FREEMAN, HAROLD A., Cambridge, Mathematics.

GOLDMAN, OSCAR, Waltham, Mathematics.

LIGHT, TRUMAN S., West Roxbury, Chemistry.

MCBRIEN, VINCENT O., Worcester, Mathematics.

SCOTT, WILLIAM T., Northampton, Physics.

SHEINHART, EDNA, Sheffield, Mathematics.

WHITNEY, ROBERT B., Amherst, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

ALPERIN, JONATHAN L., Newton, Mathematics.

BOUTILIER, ROBERT F., North Andover, Earth Sciences.

BURKE, JAMES J., Jr., Northampton, Chemistry.

DERMARDEROSIAN, ARA H., Somerville, Chemistry.

FACTOR, ARNOLD, Mattapan, Chemistry.

KELLSHER, CATHERINE F., Medford, Chemistry.

KNEE, DAVID I., Cambridge, Mathematics.

LIBERA, RICHARD J., Thorndike, Mathematics.

MACKUN, STANLEY, East Walpole, Social Sciences.

MANNIS, FRED, Brookline, Chemistry.

MCCORD, JAMES R. III, Cambridge, Mathematics.

MILLER, MURRAY S., Boston, Zoology.

OLVER, JOHN W., Cambridge, Chemistry.

SAGAL, MATTHEW W., Brookline, Chemistry.

SAUL, FRANK P., Cambridge, Anthropology.

WARD, JEANNE A., Arlington, Chemistry.

YATES, ROBERT A., Southbridge, Engineering.

YOUNG, NANCY, Pittsfield, Genetics.

Summer Fellowships for Secondary School Teachers

ALVES, Sr. M. MENRIC, Boston, Mathematics.

CREIGHTON, WILLIAM A., Milton, Biology.

ECCLES, FRANK M., Andover, Mathematics.

FALLA, Sr. M. ANNATA, Brighton, Mathematics.

HONNEN, Sr. JAMES F., Springfield, Biology.

KELLETT, JEREMIAH J., Weston, Mathematics.

LANDEB, ALAN, Avon, Chemistry.

LUX, JOHN R., Andover, Mathematics.

MCDONNELL, Sr. IMMACULATA, Worcester, Mathematics.

MCGARRY, Sr. M. ADRIA, Waltham, Chemistry.

MICHIGAN

Graduate

ANDERSEN, CARL M., Richmond, Physics.

BACHMANN, ROGER W., Ann Arbor, Zoology.

BALL, RICHARD J., Owosso, Psychology.

BALZARINI, DAVID A., Iron Mountain, Physics.

BAYMA, ROBERT W., Detroit, Engineering.

BECK, WILLIAM F., Lansing, Engineering.

BICKEL, THOMAS F., Detroit, Mathematics.

BROWN, ROBERT T., Milan, Physics.

BUFFE, CHARLES G., Sault Ste. Marie, Earth Sciences.

BUTCHER, SAMUEL S., Gaylord, Chemistry.

BUYAN, JON R., Detroit, Engineering.

BUZZELLI, DONALD E., Detroit, Engineering.

CARROLL, ROBERT L., Mason, Biology.

CORNWELL, GEORGE W., Three Oaks, Zoology.

DE WITT, CALVIN B., Ann Arbor, Zoology.

DEIBERT, MAX C., St. Johns, Engineering.

DUCMANIS, JOHN A., Kalamazoo, Physics.

EDMONDS, KATHERYN, Kalamazoo, Chemistry.

MICHIGAN—Continued

EVELY, SUSAN J., Grosse Pointe, Mathematics.
 FISCHER, PATRICK C., Ann Arbor, Mathematics.
 FOX, KENNETH, Detroit, Physics.
 FRAYER, DOROTHY A., Detroit, Biochemistry.
 GIGNAC, DONALD A., Detroit, Mathematics.
 GOODMAN, JOHN M., Dearborn, Physics.
 HEISLER, ALAN A., Big Rapids, Mathematics.
 HUBER, LEE M., Plymouth, Chemistry.
 KESSLER, DAVID P., Ann Arbor, Engineering.
 KLANDERMAN, BRUCE H., Grand Rapids, Chemistry.
 LAZAROV, CONNOR, Detroit, Mathematics.
 LILLYA, CLIFFORD P., Ann Arbor, Chemistry.
 LITWIN, GEORGE H., Detroit, Psychology.
 MATWYIOFF, NICHOLAS A., Rogers City, Chemistry.
 MCBRIDE, DAVID W., Dearborn, Chemistry.
 MCILRATH, THOMAS J., East Lansing, Physics.
 MITCHELL, LAWRENCE C., Ann Arbor, Chemistry.
 MORRISON, BARBARA M., Ann Arbor, Botany.
 OWENS, JAMES C., Grosse Pointe, Physics.
 PALMER, PAUL, Ann Arbor, Chemistry.
 PAYNE, ROBERT B., Niles, Zoology.
 PIATKOWSKI, THOMAS F., Ann Arbor, Engineering.
 POUTSMA, MARVIN L., Grand Rapids, Chemistry.
 REINHARD, DOUGLAS N., Birmingham, Engineering.
 ROBERTSON, WAYNE M., Fremont, Engineering.
 ROSS, DAVID W., Detroit, Physics.
 RUSKIN, ARNOLD M., Ann Arbor, Engineering.
 SLOBIN, DAN I., Detroit, Psychology.
 SMITH, GENE E., Ann Arbor, Engineering.
 SQUIRE, MARY A., Ypsilanti, Psychology.
 STENGER, ROBERT A., Midland, Chemistry.
 STREET, JAMES R., Detroit, Engineering.
 TREADO, PAUL A., Ann Arbor, Physics.
 VEECH, WILLIAM A., Pleasant Ridge, Mathematics.
 WEBSTER, DALE A., Wynnndotte, Biochemistry.
 WESTON, ELIZABETH A., Detroit, Biochemistry.
 WIDEMAN, JAMES M., Detroit, Medical Sciences.
 WIEGERT, RICHARD G., Whitmore Lake, Zoology.
 WISER, NATHAN, Detroit, Physics.
 WOOD, RODNEY D., Charlotte, Engineering.
 ZIER, ROBERT E., Detroit, Physics.

Cooperative Graduate

ALLARD, MARVEL J., Grosse Pte. Wood, Psychology.
 ARCHBOLD, NORBERT L., Ann Arbor, Earth Sciences.
 AUBEL, JOSEPH L., Lansing, Physics.
 BALDWIN, RANSOM L., East Lansing, Agriculture.
 BAYS, KENNETH L., Shelby, Engineering.
 BECK, JONATHAN M., Lansing, Mathematics.
 BENKARD, JOHN P., Ann Arbor, Mathematics.
 BETZ, ROBERT S., Huntington Wood, Social Sciences.
 BLASS, WILLIAM E., East Lansing, Physics.
 BUCKMASTER, MARLIN D., Ann Arbor, Chemistry.

CLIFFORD, LELAND T., Ann Arbor, Psychology.
 CROSS, DAVID V., Ann Arbor, Psychology.
 DANIELS, EDWARD L., Grand Ledge, Engineering.
 DEHARDT, DORIS C., East Lansing, Psychology.
 DEJONGH, DON C., Burnips, Chemistry.
 DINGLE, RICHARD D. H., Pinckney, Zoology.
 DUNLAP, ROBERT W., Farmington, Engineering.
 FINNEY, ROSS L., Ann Arbor, Mathematics.
 FOULIS, LINDA M., Detroit, Mathematics.
 FOULSER, DAVID A., Ann Arbor, Mathematics.
 GARLAND, HOWARD, Oak Park, Mathematics.
 GELLENBECK, SR. MARY M., Detroit, Microbiology.
 GRAHAM, ROLLYN G., Birmingham, Engineering.
 GREENMAN, DAVID L., Lansing, Zoology.
 GULLAHORN, JEANNE E., East Lansing, Psychology.
 HAAS, TERRY E., St. Johns, Chemistry.
 HANNA, MARTIN S., Birmingham, Mathematics.
 HARACZ, RICHARD D., Dearborn, Physics.
 HESS, CHARLES F., Dearborn, Social Sciences.
 HOGH, GOTTFRIED, Detroit, Zoology.
 HOOVERMAN, ROGER H., Saginaw, Physics.
 HUANG, JUSTIN C., East Lansing, Physics.
 HUNT, ROBERT H., Ann Arbor, Physics.
 KERR, JOHN P., Ann Arbor, Zoology.
 KNUDSEN, KAREL G., Gwinn, Psychology.
 KUZMA, DENNIS C., Lincoln Park, Engineering.
 LA POINTE, CLAYTON W., Detroit, Engineering.
 LINDMAN, HAROLD R., Dearborn, Psychology.
 MASON, JOHN L., North Muskegon, Engineering.
 PATTERSON, DONALD J., Birmingham, Engineering.
 PETERSON, RUTH A., Frankfort, Chemistry.
 PLOURDE, GAIL R., Norway, Chemistry.
 ROSENFELD, ROBERT L., Jackson, Engineering.
 ROTHENBERG, THOMAS J., Detroit, Social Sciences.
 SCHUMACHER, CLIFFORD R., Detroit, Physics.
 SCHWARTZ, ALAN S., Detroit, Engineering.
 SHETLER, STANWYN, G., Ann Arbor, Botany.
 SILBAE, RICHARD R., Fenton, Physics.
 SMITH, GLEN C., Morenci, Engineering.
 SPEAKE, NEAL M., Ann Arbor, Mathematics.
 STEVENS, ALDRED L., Brown City, Engineering.
 STREET, DAVID P., Ann Arbor, Social Sciences.
 TRABASSO, THOMAS R., East Lansing, Psychology.
 VANDYKE, JOHN W., Jr., Holland, Chemistry.
 WAKELEY, JOHN H., East Lansing, Psychology.
 WARNER, HUBER R., Ann Arbor, Biochemistry.
 WILSON, CAROL M., Detroit, Chemistry.
 WOLSEY, WAYNE C., Battle Creek, Chemistry.
 ZERBA, ROSE D., Ferndale, Psychology.

Postdoctoral

BROWN, MORTON, Ann Arbor, Mathematics.
 CARLSON, EDWARD H., Lansing, Physics.
 CLOSSON, WILLIAM D., Pontiac, Chemistry.
 DAVENPORT, RICHARD, Battle Creek, Zoology.
 SCHLESINGER, MILTON J., Ann Arbor, Biochemistry.

Senior Postdoctoral

ALLER, LAWRENCE H., Ann Arbor, Astronomy.
BANDURSKI, ROBERT S., East Lansing, Biochemistry.
BERNSTEIN, RICHARD B., Ann Arbor, Physics.
CHAVIN, WALTER, Detroit, Zoology.
STEINER, ERICH E., Ann Arbor, Genetics.

Science Faculty

BRIDGMAN, ROBERT J., Ypsilanti, Mathematics.
CARSON, RALPH S., Belding, Engineering.
CZYZAK, STANLEY J., Detroit, Astronomy.
DIRASIAN, HENRY A., Detroit, Engineering.
GERBEN, ALAN I., Grand Rapids, Botany.
HAAS, VIOLET, Detroit, Mathematics.
HEDGES, HARRY G., East Lansing, Engineering.
KERWIN, Sr. M. ALICIA, Detroit, Mathematics.
KNELLER, WILLIAM A., Ypsilanti, Earth Sciences.
LEONARD, THOMAS C., Houghton, Engineering.
MACKSON, CHESTER J., East Lansing, Engineering.
METZGER, ROBERT W., Flint, Engineering.
WILCOX, LYLE C., East Lansing, Engineering.

Summer Fellowships for Graduate Teaching Assistants

ALLARD, MARVEL J., Grosse Pointe Woods, Psychology.
BORCHERTS, ROBERT H., Ann Arbor, Engineering.
BOYD, JOHN W., East Lansing, Physics.
BRAGG, ARTHUR E., Ann Arbor, Mathematics.
CALHOUN, ROLAND L., Ann Arbor, Psychology.
DAUGHERTY, NED A., East Lansing, Chemistry.
DAVIS, JAMES H., East Lansing, Psychology.
DEVRIES, DONALD L., Zeeland, Chemistry.
DUBES, RICHARD C., East Lansing, Engineering.
HALPERN, JAMES D., Detroit, Mathematics.
HOOVER, WILLIAM G., Ann Arbor, Chemistry.
KAPLAN, STEPHEN, Ann Arbor, Psychology.
KORFHAGE, ROBERT R., Ann Arbor, Mathematics.
LEININGER, WILLIAM J., Marquette, Social Sciences.
LOUTTIT, RICHARD T., Ann Arbor, Psychology.
MARTENS, HINRICH R., East Lansing, Engineering.
MEYER, VICTOR E., East Lansing, Chemistry.
MOHRIG, JERRY R., Grand Rapids, Chemistry.
NOSSAL, NANCY G., Ann Arbor, Biochemistry.
OBANNON, JAMES Y., Jr., Ann Arbor, Medical Sciences.
PALMER, LIBBY, Ann Arbor, Mathematics.
PHILLIPS, BARRIE M., Jackson, Medical Sciences.
SCHWARTZ, ARTHUR J., Detroit, Mathematics.
SEBASTIAN, LOIS P., Ann Arbor, Psychology.
TRABASSO, THOMAS R., East Lansing, Psychology.
WALDEN, MARVIN E., Troy, Mathematics.
WIRTH, JOHN L., Three Oaks, Engineering.

Summer Fellowships for Secondary School Teachers

BAUER, ERNEST A., Grosse Pointe, Mathematics.

COMISKY, Sr. JEAN K., Utica, Biology.
CONVERSE, Sr. M. JR. DARC, Grand Rapids, Biology.
HAGER, DAVID L., Mason, Biology.
HAM, JOHN B., Grand Rapids, Biology.
HARMON, MOTH. MARYELLEN, Grosse Pointe, Chemistry.
HAUENSTEIN, JOHN L., Niles, Biology.
KOHLEPP, JOHN GRAM, Flint, Mathematics.
LABATT, DEE W., Mendon, Biology.
LOYET, CHARLES E., Flint, Mathematics.
MANDOSSIAN, ADRIENNE, Detroit, Botany.
MATSON, WILLIAM F., Montague, Biology.
MICHIELS, Bro. CYRIL LEO, Detroit, Chemistry.
MOORE, CALVIN V., Detroit, Zoology.
MULLINIX, DARREL D., Wayne, Biology.
NYROFF, VERNON, D., Muskegon, Mathematics.
PHILLIPS, GENE A., Corunna, Mathematics.
RAKOZY, Sr. M. ANDREETA, Hamtramck, Chemistry.
SHULL, JERRY L., Ann Arbor, Biology.
SMITKA, JOHN M., Jr., Detroit, Biology.
TSCHIRHART, WILLIAM, Warren, Mathematics.
VAN ANTWERP, ALAN E., Big Rapids, Mathematics.
WODETZKI, Sr. CATHERINE, Flint, Chemistry.
ZYLSTRA, GERALD GERBEN, Kalamazoo, Biology.

MINNESOTA

Graduate

AIBERN, PATRICK R., St. Paul, Mathematics.
ARNESON, RICHARD M., Minneapolis, Zoology.
BERG, JOHN C., Hopkins, Engineering.
CONE, RICHARD A., St. Paul, Physics.
DARLEY, JOHN M., Minneapolis, Psychology.
DEUTSCHE, CRAIG W., Minneapolis, Chemistry.
DICKELMAN, THEODORE E., Minneapolis, Chemistry.
EFRON, BRADLEY, St. Paul, Mathematics.
FRISTEDT, BERT E., Hopkins, Mathematics.
GAMBLIN, THEODORE W., Robbinsdale, Mathematics.
KIRCHNER, ROGER B., Edina, Mathematics.
LOWRY, THOMAS H., Minneapolis, Chemistry.
MCKENZIE, DOUGLAS H., Minneapolis, Anthropology.
MOFFET, ALAN T., Rochester, Astronomy.
NAESETH, ROXANNE, Waukegan, Mathematics.
OLSON, EDWIN S., Cannon Falls, Chemistry.
OSTBY, CARL M., Jr., McIntosh, Mathematics.
PEIKERT, ERNEST W., Minneapolis, Earth Sciences.
RENSINK, MARVIN E., Austin, Physics.
SOUTHWICK, DAVID L., Rochester, Earth Sciences.
SPANGLER, JOHN D., Atwater, Physics.
SWANSON, STANLEY M., St. Paul, Physics.
SYVERSON, MYRON W., Minneapolis, Mathematics.
TAUER, Sr. RITA J., St. Paul, Mathematics.
TRUBNAUER, PETER G., St. Paul, Physics.
TORGERSON, RONALD T., Minneapolis, Physics.
WHITE, ROSCOE B., Minneapolis, Physics.
WILDER, STEPHEN P., Minneapolis, Engineering.
WILLETT, ROGER D., Northfield, Chemistry.

Cooperative Graduate

BENT, ANNE M., Minneapolis, Botany.
CAHOON, ELIZABETH J., Minneapolis, Botany.

MINNESOTA—Continued

CARLSON, ROBERT L., Duluth, Chemistry.
 CLAYTON, LEE S., Lockhart, Earth Sciences.
 COTTON, RICHARD E., Duluth, Microbiology.
 DAWES, CLINTON J., Robbinsdale, Botany.
 DUSSERE, PAUL L., Moorhead, Mathematics.
 FILLMORE, JAY P., Minneapolis, Mathematics.
 FLYNN, PATRICK F., Regal, Engineering.
 GAUSTAD, JOHN E., Minneapolis, Astronomy.
 HAIGHT, CHARLES H., Minneapolis, Engineering.
 HEDIN, ALAN E., St. Paul, Physics.
 HELLING, ROBERT B., Madella, Genetics.
 JOHNSON, DONALD C., St. Paul, Chemistry.
 JOHNSON, RICHARD R., Minneapolis, Psychology.
 JOHNSON, WILLIAM W., Minneapolis, Genetics.
 JONES, DUANE A., Northfield, Chemistry.
 KRENAN, JOHN R., St. Paul, Chemistry.
 KONCOS, ROBERT, Minneapolis, Chemistry.
 MAHER, LOUIS J., Jr., Minneapolis, Earth Sciences.
 OAKES, THOMAS R., Minneapolis, Chemistry.
 ORIEL, PATRICK J., Stillwater, Chemistry.
 REAY, NEVILLE W., Jr., Minneapolis, Physics.
 REITER, RUSSELL J., Cold Spring, Medical Sciences.
 RIES, RICHARD R., New Ulm, Physics.
 SCHALGER, LARRY L., Minneapolis, Chemistry.
 SOMMER, DAVID C., St. Paul, Mathematics.
 VENNIX, ALAN J., St. Paul, Engineering.
 VISTE, ALEN E., Austin, Chemistry.
 YAPEL, ANTHONY F., Jr., Soudan, Chemistry.

Postdoctoral

MUELLER, AUGUST P., Mahnomon, Microbiology.

Senior Postdoctoral

SPITZER, FRANK L., Minneapolis, Mathematics.
 YENNIE, DONALD R., Minneapolis, Physics.

Science Faculty

RAMETTE, RICHARD W., Northfield, Chemistry.
 RUDD, MILLARD E., Moorhead, Physics.
 WOLF, FRANK L., Northfield, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

DOMHOLT, LOWELL C., Minneapolis, Engineering.
 DUSSERE, PAUL L., Moorhead, Mathematics.
 EMERSON, KENNETH, Minneapolis, Chemistry.
 HELLING, JOHN F., Madella, Chemistry.
 HUEBE, CHARLES V., Bertha, Mathematics.
 JOHNSON, DONALD C., St. Paul, Chemistry.
 JONES, DUANE A., Northfield, Chemistry.
 LARSON, HOMER R., Pencer, Zoology.
 NORDLIE, FRANK G., New London, Zoology.
 FLORDE, DONALD E., Fairmont, Chemistry.
 RATZ, JAMES W., Detroit Lakes, Engineering.
 SATHRE, DUANE P., Minneapolis, Mathematics.
 SCHALEGER, LARRY L., Minneapolis, Chemistry.
 SILVERMAN, WILLIAM, Minneapolis, Mathematics.
 STORMS, HOWARD A., Ada, Chemistry.

Summer Fellowships for Secondary School Teachers

ACQUARD, RICHARD H., Austin, Mathematics.
 COULTER, JOHN C., Mound, Biology.
 DINGLE, JAMES H., Elk River, Mathematics.
 HAUGEN, LYLE J., Pelican Rapids General Science.
 HENDRICKSON, ARTHUR D., Tower, Mathematics.
 HITI, LUDWIG F., Cloquet, Mathematics.
 OLSON, ALLAN L., South St. Paul, Mathematics.
 PROUSE, HOWARD LEE, Mankato, Mathematics.
 SCHROEDER, DENNIS S., Waseca, Chemistry.
 THEIS, Sr., JEAN M., Wabasha, Biology.
 VAN LOON, RUSSELL JOE, Robbinsdale, Mathematics.

MISSISSIPPI**Graduate**

BALGORD, WILLIAM D., Jackson, Earth Sciences.
 CERNY, JOSEPH III, University, Chemistry.
 NAMKOONG, GENE, Gulfport, Genetics.

Cooperative Graduate

BARRETT, CARL R., Jr., Jackson, Engineering.
 BRADOW, JUDITH M., University, Chemistry.
 BUNTIN, ROBERT R., Gulfport, Engineering.
 EATHERLY, BILLY J., Jackson, Social Sciences.
 FAGOT, HACKER J., Pass Christian, Psychology.
 FITCH, DAVID C., Gulfport, Engineering.
 GILMER, ROBERT W., Jr., Pontotoc, Mathematics.
 HOLLINGSWORTH, JOHN G., Decatur, Mathematics.
 MANSFIELD, CLIFTON T., Winona, Chemistry.
 POUNDS, DONNIE J., Bonneville, Engineering.
 RUSSELL, LYNN D., Pontotoc, Engineering.
 WALLICK, EARL T., Grenada, Chemistry.

Postdoctoral

DAVIS, JAMES E., State College, Biochemistry.

Science Faculty

AVEN, RUSSELL E., University, Engineering.
 BLAKNEY, SIMMIE S., Waynesboro, Mathematics.
 MCKIE, WILL T., Jr., State College, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BRADOW, JUDITH M., University, Chemistry.
 BRYAN, EDWARD E., Oxford, Chemistry.
 LEWIS, JOHN T. III, Jackson, Psychology.
 MCCRONE, ELINOR J., Vicksburg, Genetics.

Summer Fellowships for Secondary School Teachers

AUSTIN, GLADYS, Meridian, Biology.
 BEGLEY, GRACE B., Jackson, General Sciences.
 DANIEL, ARMY, Jr., Jackson, General Sciences.
 GOODGAME, LUCILE H., Laurel, Mathematics.
 JONES, DOROTHY LOUISE, Canton, Biology.
 LEWIS, ROBERT L., Hattiesburg, Microbiology.
 LEWIS, RUTH TODD, Okolona, General Sciences.
 TILLMAN, MARGARET H., Bruce, General Sciences.

WILSON, WILLIAM RAY, Port Gibson, Mathematics.

MISSOURI

Graduate

ANDREWS, JAMES S., Columbia, Psychology.
BRIDGER, ROBERT F., Joplin, Chemistry.
CONDON, JOSEPH H., St. Louis, Physics.
CUSHING, EDWARD J., Steelville, Earth Sciences.

DAVID, RICHARD F., St. Louis, Engineering.
DETCHMENDY, DAVID M., St. Louis, Engineering.

ELSON, ELLIOT L., Ladue, Biochemistry.
HARDEBECK, HARRY E., Rolla, Engineering.
PARKHURST, LAWRENCE J., Kansas City, Chemistry.

HARTING, GARY L., Kirkwood, Engineering.
JORDAN, ROBERT W., St. Louis, Chemistry.
JORDAN, THOMAS M., Falcon, Physics.
KORNFIELD, ROSALIND H., Olivette, Biochemistry.

KREBS, CHARLES J., St. Louis, Zoology.
KWENTUS, GERALD K., Kirkwood, Engineering.

LEMMON, ALAN V., University City, Mathematics.
MAHONEY, MARY A., Ferguson, Social Sciences.

MCMAHON, LEE E., St. Louis, Psychology.
MIDGLEY, JAMES E., Kansas City, Physics.
MUNCH, JOHN H., Webster Groves, Chemistry.

MUTCHLER, GORDON S., St. Louis, Physics.
NANCE, JON R., Springfield, Physics.
NAUMAN, EDWARD B., Kansas City, Engineering.

ROTH, RICHARD F., St. Louis, Physics.
STONE, HAROLD S., Clayton, Engineering.

Cooperative Graduate

ANDALAFTE, EDWARD Z., Springfield, Mathematics.

BARNETT, DONALD L., Hannibal, Mathematics.

BAUMILLER, ROBERT C., St. Louis, Genetics.
BERGER, ROGER L., Webster Groves, Engineering.

BERRY, IVAN L., Columbia, Engineering.
BLACK, ALBERT W. III, Kirkwood, Engineering.

BLAIR, JAMES E., Kansas City, Chemistry.
BLAKE, WILLIAM H., Jr., Clayton, Social Sciences.

BORISON, SIDNEY L., St. Joseph, Physics.
BROERMAN, JAMES G., St. Louis, Physics.

BROWN, LARRY N., Springfield, Zoology.
CANTWELL, JOHN C., St. Louis, Mathematics.
COOK, ROBERT A., University City, Mathematics.

CURNUTT, JERRY H., Springfield, Social Sciences.

DIETRICH, ROBERT G., St. Louis, Engineering.
ECKERT, CHARLES A., St. Louis, Engineering.

ENGLAND, NOAH C., Myrtle, Agriculture.
FRESE, RAYMOND W., Foristell, Mathematics.

GAVAN, JOHN C., St. Louis, Chemistry.
GURSER, JOHN L., St. Louis, Engineering.
HAGEN, DAVID C., St. Louis, Engineering.

HANSEN, SPENST M., Rolla, Earth Sciences.
HORTON, HORACE R., Columbia, Biochemistry.

JOHNSON, JAMES W., Rolla, Engineering.

JONES, FRANK N., Carthage, Chemistry.
KOLKER, HAROLD J., University City, Chemistry.

KRONE, WILLIAM J., Normandy, Engineering.

LINDAUER, GUSTAV A., Richmond Heights, Engineering.

MCCOOL, DONALD K., Cameron, Engineering.
MEIER, ALBERT H., Columbia, Zoology.

SCHBU, JOHN E., Hannibal, Engineering.
SCHULTZ, JOHN E., Auxvasse, Chemistry.
WALTMAN, PAUL E., St. Louis, Mathematics.

WEIDMAN, STUART W., St. Louis, Chemistry.
WEINBERG, DAVID S., University City, Chemistry.

WELCH, DAVID O., University City, Engineering.

Postdoctoral

BUTLER, WILLIAM T., Webster Groves, Medical Sciences.

DREITLEIN, JOSEPH F., Ferguson, Physics.

Senior Postdoctoral

DEVINATZ, ALLEN, St. Louis, Mathematics.
MARSHALL, CHARLES E., Columbia, Agriculture.

STALKER, HARRISON D., St. Louis, Genetics.

Science Faculty

AYER, MIRIAM C., Columbia, Mathematics.
BAHN, EMIL L., Jr., Cape Girardeau, Chemistry.

CONNELL, J. BRIAN, St. Louis, Engineering.
DREIFKE, GERALD E., St. Louis, Engineering.
HILL, JOHN J., Kansas City, Physics.

KIPPENHAN, CHARLES J., St. Louis, Engineering.
MILES, JOHN B., Rolla, Engineering.

OSCHWALD, KARAMANEH I., Maryville, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

BAILEY, DENNIS M., St. Louis, Chemistry.
BELL, RONALD E., Kennett, Biochemistry.
CLINGER, BARBARA A., Strafford, Mathematics.

DRENNAN, OLLIN J., Kirksville, Social Sciences.

GREEN, GEORGE R., Fairfax, Social Sciences.
HANSEN, SPENST M., Rolla, Earth Sciences.
HART, JOHN H., Kansas City, Botany.

KESSLER, NEIL J., Olivette, Engineering.
MEIER, ALBERT H., Columbia, Zoology.
OFTEDAHL, MARVIN L., St. Louis, Chemistry.

SEXTON, CAROL A., Sullivan, Mathematics.
SMITH, DAVID D., Kansas City, Earth Sciences.

SMITH, NANCY L., Kansas City, Biology.
STARB, NORTON L., Kansas City, Mathematics.

STEINER, EUGENE F., St. Louis, Mathematics.

TROY, DANIEL J., Kirkwood, Mathematics.
WELLING, DAN J., Kansas City, Physics.
ZEY, ROBERT L., St. Clair, Chemistry.

Summer Fellowships for Secondary School Teachers

DEALL, LOUIS, St. Louis, Physics.
DREBS, CHARLES B., Chesterfield, Mathematics.

FACETTE, BRO. JAMES L., St. Louis, Physics.
GUNDRUM, BRO. HOWARD, Kirkwood, Mathematics.

MISSOURI—Continued

HIX, Sr. PATRICIA M., St. Louis, Mathematics.
 HOGER, CHARLES E., St. Louis, Zoology.
 MAGRUDER, WILLIS J., Kirksville, General Sciences.
 MCCORMICK, Sr. M. AUSTINA, St. Louis, Biology.
 MORRIS, MARY E., Webster Groves, Mathematics.
 OSCHWALD, RICHARD A., Maryville, Mathematics.
 PARKER, JOHN DOYLE, Herculaneum, Biology.
 PIERCE, CORNELL DAVID, Webster Groves, Mathematics.
 SREH, Sr. M. EDWARD PAUL, St. Louis, Chemistry.
 TUCKER, Sr. MARGARET E., St. Louis, Biology.
 WATSON, ROBERT N., Ferguson, Biology.
 WILLIAMS, GEORGE IRVIN, Maryville, General Sciences.

MONTANA*Graduate*

BECRAFT, LLOYD G., Billings, Engineering.
 CALVERT, JAMES B., Billings, Physics.
 VINCELETTE, RICHARD R., Billings, Earth Sciences.
 WOODWARD, LEE A., Missoula, Earth Sciences.

Cooperative Graduate

DECKERT, KENNETH L., Richey, Mathematics.
 FRITZ, RAYMOND R., Bozeman, Engineering.
 HILL, JAMES R., Livingston, Engineering.
 LEBRAND, ROGER J., Bozeman, Chemistry.
 MANIS, MERLE E., Missoula, Mathematics.
 MCRAE, DANIEL G., Missoula, Mathematics.
 MITCHELL, WILLIAM W., Roundup, Botany.
 PARKER, RONALD C., Missoula, Earth Sciences.
 SWENSON, ROBERT J., Bozeman, Physics.
 VANHORN, SARALEE N., Lewistown, Zoology.
 YALE, IRL K., Missoula, Mathematics.

Science Faculty

BOOTH, WILLIAM E., Bozeman, Botany.
 HOYT, BERNARD W., Bozeman, Engineering.

Summer Fellowships for Secondary School Teachers

COYLE, Sr. PAUL J., Butte, Mathematics.
 LEPLEY, JOHN G., Fort Benton, Biology.
 STEFFEN, Sr. M. LUCIANA, Ashland, Biology.

NEBRASKA*Graduate*

ALLINGTON, ROBERT W., Lincoln, Engineering.
 ANDERSEN, JOHN P., Omaha, Mathematics.
 CASSEL, DAVID G., Ainsworth, Physics.
 JONES, NOEL D., Hastings, Chemistry.
 KROTTER, ALISON A., Pallsade, Mathematics.
 MCARTHUR, DONALD E., Atlanta, Physics.
 SHUEY, ELDON W., Lincoln, Biochemistry.
 WHEAT, MARY L., Hastings, Mathematics.
 WITTE, ALFRED H., Jr., Lincoln, Engineering.

Cooperative Graduate

BOLAR, MARLIN L., Lincoln, Botany.
 ERICKSON, LARRY E., Wahoo, Engineering.
 GROSS, MILDRED L., Lincoln, Mathematics.
 KEZLAN, THOMAS P., Omaha, Mathematics.
 LANG, WAYNE W., Lincoln, Physics.

PARK, JOHN T., Lincoln, Physics.
 SWANSON, JAMES A., Lincoln, Chemistry.

Science Faculty

HANSEN, PAUL V., Jr., Blair, Chemistry.
 MARLETTE, RALPH R., Lincoln, Engineering.

Summer Fellowships for Graduate Teaching Assistants

FLEHARTY, EUGENE D., Hastings, Zoology.

Summer Fellowships for Secondary School Teachers

ADAMY, NICK L., Beaver City, Biology.
 ALBERDING, ARTHUR P., Jr., Ord, Mathematics.
 GROSS, Sr., M. STEPHANIE, Fremont, Biology.
 HEFFNER, Sr., M. CLARETTA, Greeley, Chemistry.
 HEISER, MARION S., Omaha, Mathematics.
 JOHNSON, DONALD B., Omaha, Mathematics.
 STONES, IVAN D., Morrill, Mathematics.
 VANOVER, BENJAMIN, Holdrege, Biology.

NEVADA*Graduate*

SEANKLAND, THOMAS J., Boulder City, Physics.
 SIBBALD, GARTH H., Reno, Social Sciences.

Cooperative Graduate

CROOK, JOSEPH R., Sparks, Chemistry.
 HILL, FREDERICK J., Boulder City, Engineering.

Summer Fellowships for Graduate Teaching Assistants

CROOK, JOSEPH R., Sparks, Chemistry.
 WISE, WILLIAM S., Carson City, Earth Sciences.

Summer Fellowships for Secondary School Teachers

ANDERSON, HOWARD V., Hawthorne, Mathematics.
 STEERE, BOB FARREL, Las Vegas, Biology.

NEW HAMPSHIRE*Graduate*

KING, ROBERT B., Rochester, Chemistry.
 MARSHALL, ALAN C., Laconia, Engineering.
 ROBINSON, PETER, Hanover, Earth Sciences.
 WILLIAMS, DONALD J., Jaffrey, Physics.

Cooperative Graduate

BARIL, EARL F., Manchester, Biology.
 KIMBALL, RICHARD M., Greenville, Engineering.
 O'MALLEY, ROBERT E., Jr., Somersworth, Mathematics.
 TUTTLE, ELIZABETH R., Conway, Astronomy.
 ZEVOB, NICHOLAS, Manchester, Chemistry.
 ZIMMERMAN, CARLE C., Jr., Laconia, Engineering.

Science Faculty

BOWEN, DOUGLAS M., Hanover, Chemistry.
 COPENHAVER, JOHN H., Jr., Hanover, Biochemistry.
 MURDOCH, JOSEPH B., Durham, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BEAUDOIN, RICHARD L., Nashua, Zoology.
 GILMAN, RICHARD A., Concord, Earth Sciences.

Summer Fellowships for Secondary School Teachers

COSTELLO, Sr., M. BEATRICE, Manchester, Biology.
PELLETIER, Sr., MARIE C., Hudson, Biology.

NEW JERSEY

Graduate

ALLYN, JANE E., Stanford, Psychology.
BARTH, ROBERT H., Jr., Ridgewood, Zoology.
BENNETT, JAMES H., Princeton, Mathematics.
BERNER, ROBERT A., Leonia, Earth Sciences.
BRANT, DAVID A., Summit, Chemistry.
BRAULT, JAMES W., Princeton, Physics.
CALDWELL, DENNIS J., Penns Grove, Chemistry.
CARLSMITH, JAMES M., Summit, Psychology.
CHAIKEN, JAN M., Rahway, Physics.
COBURN, STEPHEN P., Summit, Biochemistry.
COHEN, WILLIAM D., Weehawken, Zoology.
CONDON, PAUL E., Princeton, Physics.
CONRAD, PETER W., East Rutherford, Engineering.
DAVIS, BRIAN T., Princeton, Earth Sciences.
FAHNNY, DAVID E., Fort Lee, Biochemistry.
FRENCH, BEVAN M., Nutley, Earth Sciences.
FREUND, ROBERT S., Maplewood, Chemistry.
FRIEDMAN, KENNETH A., Highland Park, Physics.
GLUCK, HERMAN R., Princeton, Mathematics.
GRAF, RONALD E., Passaic, Physics.
GREENLEAF, NEWCOMB, Short Hills, Mathematics.
GRIFFIN, DAVID H., Oakland, Botany.

Graduate

HALL, DANIEL N., Princeton, Chemistry.
HAND, BRYCE M., Jersey City, Earth Sciences.
HAYS, JAMES F., Short Hills, Earth Sciences.
HOLZWARTH, GEORGE M., Westfield, Biophysics.
HUBER, DAVID L., Toms River, Physics.
JOHNSON, JOSEPH L., Jr., Upper Montclair, Mathematics.
KAYSER, BORIS J., Lakewood, Physics.
KEENAN, EDWARD M., East Orange, Mathematics.
KENNELL, JOHN G., Point Pleasant, Physics.
KOCH, JOHN F., Oakhurst, Physics.
KOVER, WARNER B., Rochelle Park, Chemistry.
KOWAL, NORMAN E., Rochelle Park, Botany.
KOWAL, ROBERT E., Rochelle Park, Botany.
KREPS, RODNEY E., Princeton, Physics.
LARSEN, DAVID M., Hawthorne, Physics.
MATHER, WILLIAM B., Jr., Princeton, Chemistry.
MERRILL, DRANE W., Jr., South Orange, Physics.
MILLMAN, MICHAEL G., Summit, Physics.
MOLLOW, BENJAMIN R., Union, Physics.
OCH, ROSEMARY P., Madison, Engineering.
PILLA, MICHAEL A., Trenton, Engineering.
POLLOCK, WILLIAM A., Lincoln Park, Engineering.
RICHTER, WAYNE H., Leonia, Mathematics.
SEYBOLD, PAUL G., Collingswood, Physics.
SILVERS, STUART J., South Orange, Biochemistry.
SOVERS, OFARS J., Princeton, Chemistry.
STEVENS, RICHARD M., Audubon, Chemistry.
TRETIAK, OLEG J., Passaic, Engineering.
VILMS, JURI, Seabrook, Engineering.
WALDRON, SIDNEY R., Ringwood, Anthropology.

Cooperative Graduates

ABRAHAM, BARBARA W., Madison, Physics.
BRADEN, ROBERT T., Princeton, Physics.
BUNYAN, MARY W., Highland Park, Mathematics.
CAMPBELL, NEIL C., Teaneck, Engineering.
CANN, ROSS S., Ridgewood, Earth Sciences.
CHARLAP, LEONARD S., Penns Grove, Mathematics.
COHEN, EDWARD M., East Orange, Chemistry.
DAMATO, ANNE, Jersey City, Mathematics.
DEDOMINICIS, ALEX J., Union City, Chemistry.
DOUGHTY, KAY M., Indian Mills, Chemistry.
FEDORS, ROBERT F., Bayonne, Chemistry.
GERRISH, JOHN B., Orange, Engineering.
GILL, HELEN K., West Englewood, Biochemistry.
GOLD, HARRY S., Pennsauken, Engineering.
GOODWIN, ELIZABETH B., Hopewell, Psychology.
GOULD, EDWIN, Short Hills, Zoology.
HALPERN, GERALD M., Jersey City, Physics.
HERSH, MICHAEL S., Newark, Engineering.
HOPKINS, PAUL D., Wenonah, Chemistry.
HUTCHINSON, JOHN W., Bridgeton, Engineering.
JEFFERSON, JAMES W., Westwood, Medical Sciences.
JONES, WILLIAM R., Haddon Heights, Mathematics.
KOROS, ROBERT M., Haddonfield, Engineering.
LASIEWSKI, ROBERT C., Maywood, Zoology.
MINERO, RICHARD H., Clifton, Engineering.
MULLER, ROBERT A., Rutherford, Earth Sciences.
MURPHY, JAMES J., River Edge, Physics.
NISHIMURA, RUTH, New Brunswick, Psychology.
O'NEILL, JOHN J., Jersey City, Chemistry.
PEPPER, STEPHEN V., Margate City, Physics.
PERRY, CLARK W., Ridgefield, Chemistry.
POAGE, JAMES F., Morristown, Engineering.
RIEGER, PHILIP H., Teaneck, Chemistry.
ROSENTHAL, ELI, Newark, Chemistry.
ROTH, SHIRLEY H., Lakewood, Chemistry.
SEITCHEK, JEROLD A., Merchantville, Physics.
SILVESTRI, ANTHONY J., Glassboro, Chemistry.
SMITH, DONALD E., Bergenfield, Chemistry.
TURNER, ROBERT E. L., Montclair, Mathematics.
VILL, JOHN J., Highland Park, Chemistry.
WILL, THEODORE A., Montclair, Physics.
WIMER, CYNTHIA C., New Brunswick, Psychology.
WORMSER, HENRY C., Vineland, Chemistry.
WRIGHT, RICHARD T., Haddonfield, Biology.

Postdoctoral

DHEEDENE, ROBERT N., New Vernon, Mathematics.
KIMMEL, DONALD L., Jr., Woodbury, Medical Sciences.
SHUSTER, CHARLES W., Glen Rock, Biochemistry.
SKALAK, RICHARD, Leonia, Engineering.

Senior Postdoctoral

STIX, THOMAS H., Princeton, Physics.

Science Faculty

FANALE, LOUISA P., East Orange, Medical Sciences.
HOYER, HORST W., Lake Hiawatha, Biophysics.

NEW JERSEY—Continued

SCOTT, DONALD A., Madison, Chemistry.
 SLABY, STEVE M., Princeton, Engineering.
 WHITE, MYRON E., Hoboken, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

BECKER, DOROTHY G., Rahway, Mathematics.
 CAMPBELL, NEIL C., Teaneck, Engineering.
 CHARLAP, LEONARD S., Penns Grove, Mathematics.
 DEITZ, ROBERT J., New Brunswick, Zoology.
 DEKORTE, ART, Prospect Park, Chemistry.
 FORREEST, HELEN F., Upper Montclair, Zoology.
 FRANK, CHARLES H., Bloomfield, Mathematics.
 FRIEDMAN, EDWARD A., Bayonne, Physics.
 GIBSON, DANIEL M., Jr., Trenton, Engineering.
 HOPKINS, PAUL D., Wenonah, Chemistry.
 HORROCKS, WILLIAM D., Jr., Moorestown, Chemistry.
 KALLENBACH, NEVILLE R., West New York, Chemistry.
 KOWAL, NORMAN E., Rochelle Park, Botany.
 KUMPEL, PAUL G., Jr., Delanco, Mathematics.
 KUFELIAN, ROBERT H., Bridgeton, Botany.
 MANNING, ROBERT E., Paramus, Chemistry.
 MATLACK, LOUIS R., Princeton, Chemistry.
 O'NEILL, JOHN J., Jersey City, Chemistry.
 ORNA, MARY V., Nutley, Chemistry.
 PERRY, CLARK W., Ridgefield, Chemistry.
 PORTER, GERALD J., Rahway, Mathematics.
 SEMBER, JOHN J., Phillipsburg, Mathematics.
 STEWART, CHARLES G., Jr., Chatham, Psychology.
 STRUZYNSKI, RAYMOND E., Jersey City, Physics.
 VEZZETTI, DAVID J., Hoboken, Physics.
 VILL, JOHN J., Highland Park, Chemistry.

Summer Fellowships for Secondary School Teachers

BARBARITO, EDWARD R., Paterson, Chemistry.
 COLLARD, ARTHUR L., Hackensack, Mathematics.
 DARLINGTON, C. LEROY, Maplewood, Chemistry.
 DAVIDOWSKI, ANTHONY F., Mountain Lakes, Mathematics.
 DRISCOLL, Bro. MICHAEL P., Newark, Physics.
 FIAMINGO, MARGARET, Vineland, Mathematics.
 FOX, B. MERLDENE, Tenafly, Mathematics.
 HEROLD, VINCENT R., Ramsey, Biology.
 KELLER, Sr. PAUL M., North Wildwood, Biology.
 LAJEWSKI, Sr. M. FIRMINA, Sparta, Mathematics.
 LUTZKE, HARRY, Newark, Biology.
 McDONNELL, Sr. M. PHILOTH, Bayonne, Biology.
 MCGUINNESS, ROBERT A., Jersey City, Mathematics.
 SALERNO, SALVATORE W., Newark, Mathematics.
 SCHOEN, Sr. M. MYRONA, North Plainfield, Mathematics.
 SELTZER, MORTON, Newark, Mathematics.
 WALDSTEIN, MORRIS, Paterson, Physics.

NEW MEXICO

Graduate

BREGSTRESSER, THOMAS K., Los Alamos, Physics.
 DIEBOLD, ROBERT E., Los Lunas, Physics.
 DOWDLE, JOHN R., Deming, Mathematics.
 LUNSFORD, JAMES S., Albuquerque, Engineering.
 ROEDER, DAVID W., Albuquerque, Mathematics.
 WALSH, JOSEPH M., Santa Fe, Biochemistry.
 WELLOCK, ROBERT E., Albuquerque, Mathematics.

Cooperative Graduate

DEAN, RAYMOND H., Sandia Base, Engineering.
 MUNSON, DIANA H., Las Cruces, Zoology.
 NEWMAN, DAVID S., Albuquerque, Mathematics.
 ROBINSON, JOHN P., Carlsbad, Engineering.
 SPERRY, PAUL L., Santa Fe, Mathematics.
 SPIEGEL, ZANE, Santa Fe, Earth Sciences.
 SPRIUELL, ROY O., Las Cruces, Mathematics.

Senior Postdoctoral

WABER, JAMES T., Los Alamos, Engineering.

Summer Fellowships for Graduate Teaching Assistants

CARVER, ALFRED C., Silver City, Mathematics.
 JONES, CLYDE J., Albuquerque, Zoology.
 KEYES, CONRAD G., Jr., Las Cruces, Engineering.
 POORBAUGH, JOHN H., Roswell, Zoology.
 WILLIAMS, FRANK M., University Park, Mathematics.

Summer Fellowships for Secondary School Teachers

BONHAGEN, FREDERICK H., Santa Fe, Mathematics.
 CLEBK, NATHAN H., Sr., Hagerman, Mathematics.
 MCCRARY, OLLIE W., Silver City, Botany.
 MITCHELL, ROBERT C., Anthony, Physics.

NEW YORK

Graduate

ALFF, CYNTHIA E., Long Island City, Physics.
 AMOROSO, MICHAEL J., Flushing, Physics.
 ANDERSON, CHARLES H., Briarcliff Manor, Physics.
 ARNUSH, DONALD, New York, Physics.
 AUER, HENRY E., New Rochelle, Biochemistry.
 BARAFF, GENE A., Elmhurst, Physics.
 BARTLETT, DAVID F., New York, Physics.
 BATT, RUSSELL H., Jamestown, Chemistry.
 BATTERMAN, STEVEN C., Brooklyn, Engineering.
 BECK, BERNARD, Bronx, Social Sciences.
 BERGER, ROBERT, Freeport, Engineering.
 BLOOM, DAVID M., New York, Mathematics.
 BOYLAN, EDWARD S., New York, Mathematics.
 BRANCAZIO, PETER J., Long Island City, Engineering.
 BRATER, HEBBERT J., New York, Earth Sciences.
 BRESLAU, MICHAEL, Troy, Engineering.
 BRUSH, JOAN O., Sidney, Chemistry.
 BUHRE, CARL F., Hempstead, Chemistry.
 BUTENSKY, MARTIN, Brooklyn, Engineering.
 CARROLL, VERN, Patchogue, Anthropology.
 CASSY, KENNETH P., Jackson Heights, Mathematics.

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

CONE, ALBERT A., Shrub Oak, Physics.

CONN, CAROLYN, Syracuse, Chemistry.

CONRATH, DAVID W., Rye, Social Sciences.

COOK, DAVID M., Troy, Physics.

COTTLER, RHEA J., Brooklyn, Zoology.

DAWSON, ROBERT L., Rochester, Chemistry.

DESSAU, RALPH, Far Rockaway, Chemistry.

DJOURU, FRANS M., Jr., Ithaca, Mathematics.

DOLEN, RICHARD, New York, Physics.

DOUGHERTY, HARRY W., Brooklyn, Biochemistry.

DRISCOLL, MICHAEL J., Buchanan, Engineering.

DWORIN, LOWELL, Brooklyn, Physics.

EASTON, PAUL D., New York, Physics.

ECKHART, WALTER, Yonkers, Biophysics.

EINBINDER, HERBERT M., Far Rockaway, Physics.

EISENBERG, JUDAH M., Forest Hills, Physics.

ENGELS, JOAN C., Malverne, Earth Sciences.

FELDMAN, MARTIN, Brooklyn, Physics.

FINE, TERENCE L., New York, Engineering.

FRANCO, VICTOR, New York, Physics.

FREED, JACK H., Brooklyn, Chemistry.

FREY, JEFFREY I., Brooklyn, Engineering.

FRUCHTBAUM, HAROLD, Brooklyn, Social Sciences.

GALLANT, JONATHAN A., Mount Vernon, Genetics.

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

GILBERT, IRA H., Jamaica Physics.

GINSBERG, EDWARD S., New York, Physics.

GOLDBERG, CHARLES H., Brooklyn, Mathematics.

GOLDREICH, PETER M., New York, Physics.

GOLUB, ROBERT, New York, Engineering.

GRAPPEL, SAHAR F., Brooklyn, Microbiology.

GREER, RICHARD J., Johnson City, Engineering.

GREIBACH, SHEILA A., New Rochelle, Mathematics.

GRELICK, ARTHUR E., New York, Engineering.

GROSS, LUCY M., Williamsville, Chemistry.

GRUHN, RUTH E., Cornwall Hudson, Anthropology.

GUNTHER, LEON, Brooklyn, Physics.

HALPERN, ALVIN M., Bronx, Physics.

HANDEL, DAVID, Brooklyn, Mathematics.

HARMAN, MARY E., Brooklyn, Zoology.

HARRINGTON, DAVID R., North Tonawanda, Physics.

HARRIS, CHARLES S., Great Neck, Long Island, Psychology.

HECKEL, PHILIP H., Rochester, Earth Sciences.

HENSON, CARL P., Snyder, Biochemistry.

HERZOG, STANLEY, New York, Engineering.

HILL, CHARLES G., Jr., Elmira, Engineering.

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

HOLTZMAN, ERIC, Bronx, Zoology.

HORTMANN, ALFRED G., Woodside, Chemistry.

ISAACS, I. M., Bronx, Mathematics.

KAHN, DANIEL S., Brooklyn, Mathematics.

KAHN, PETER J., Forest Hills, Mathematics.

KAHN, ROBERT E., Flushing, Engineering.

KAPLAN, LEONARD, Bronx, Chemistry.

KARG, GERHART M., New York, Chemistry.

KENDALL, ROBERT L., Rochester, Zoology.

KENNISON, JOHN F., St. Albans, Mathematics.

KORENMAN, VICTOR, Brooklyn, Physics.

KRANTZ, DAVID H., Buffalo, Psychology.

KRIEGER, JOSEPH B., Brooklyn, Physics.

KRIPKA, BERNARD R., Scarsdale, Mathematics.

KUBIS, JOSEPH J., Brooklyn, Physics.

LAMPORTE, LESLIE B., New York, Mathematics.

LANFORD, OSCAR E. III, New York, Physics.

LARABEE, ALLAN R., Great Neck, Biochemistry.

LEERMAKERS, PETER A., Rochester, Chemistry.

LEVY, JEROME F., Mount Vernon, Chemistry.

LEVY, PETER M., New York, Engineering.

LEWIN, RUTH L., New York, Chemistry.

LICHTENBAUM, STEPHEN, Brooklyn, Mathematics.

LIEBLING, GERALD R., Brooklyn, Chemistry.

LOWENTHAL, FRANKLIN, New York, Physics.

LUBKIN, SAUL, Brooklyn, Mathematics.

LUKS, EUGENE M., Brooklyn, Mathematics.

LYNCH, BEN E., Horseheads, Physics.

MAGID, RONALD M., Rego Park, Chemistry.

MARIANO, CHARLES F., Long Island City, Physics.

MASTERS, MILLICENT R., Flushing, Biochemistry.

MAYER, ALAN L., Flushing, Mathematics.

MCLEOD, DONALD W., Ithaca, Physics.

MEININGHAUS, ARLYN R., Lancaster, Chemistry.

MEYER, WERNER F., Bronx, Mathematics.

MONSKY, PAUL, Queens, Mathematics.

MYERS, ROBERT A., Mount Vernon, Physics.

NIBLACK, WALTER K., Buffalo, Physics.

NICOL, MALCOLM F., Briarcliff Manor, Chemistry.

OFFENHARTZ, PETER O., Bronx, Chemistry.

PALKA, JOHN M., Jackson Heights, Zoology.

PANKIWSKYJ, KOST A., Larchmont, Earth Sciences.

PARSEGIAN, VOZKEN A., Troy, Biophysics.

PASSMAN, DONALD S., Bronx, Mathematics.

PEDERSEN, CHARLES R., Brooklyn, Engineering.

PELTZMAN, SAM, Brooklyn, Social Sciences.

PENNISTEN, JOHN W., Kenmore, Mathematics.

PERRIN, ROBERT P., New York, Physics.

PHINNEY, ROBERT A., Rochester, Earth Sciences.

POLLACK, JAMES B., Woodmere, Long Island, Physics.

REYNOLDS, BRO. JOSEPH, Troy, Engineering.

ROSE, RICHARD M., Port Washington, Psychology.

ROSEN, ALLAN J., New York, Chemistry.

RUBENFELD, FRANK A., New York, Psychology.

RUNG, ROBERT, College Point, Engineering.

RUSSIN, BRENDA S., Brooklyn, Psychology.

SACKS, GERALD E., Ithaca, Mathematics.

SALTRE, STANLEY N., Brooklyn, Zoology.

SAXE, BERNHARD D., Flushing, Chemistry.

SCHHEEL, GEORGE F., Yonkers, Engineering.

SCHIFF, LEONARD, Brooklyn, Engineering.

SCHILDKRAUT, CARL L., Woodmere, Long Island, Chemistry.

SCHULMAN, JEROME M., New Rochelle, Chemistry.

SCHULTZ, JONAS, New York, Physics.

NEW YORK—Continued

SCHWARTZ, ALAN W., Brooklyn, Biochemistry.
 SCHWEITZER, PAUL A., Pelham, Mathematics.
 SEGAL, JOHN S., Valley Stream, Chemistry.
 SEGRE, GINO C., Peekskill, Physics.
 SHARP, DAVID H., Buffalo, Physics.
 SHELUPSKY, DAVID I., Brooklyn, Physics.
 SHEPP, LAWRENCE A., Brooklyn, Mathematics.
 SIGMAN, DAVID S., Rego Park, Chemistry.
 SILVER, BETTE, New York, Social Sciences.
 SILVERSTONE, HARRIS J., Harrison, Chemistry.
 SNELGROVE, RICHARD A., Mt. Vernon, Chemistry.
 SOCOLOW, ROBERT H., New York, Physics.
 SPIVAK, MICHAEL D., Jamaica, Mathematics.
 ST. GEORGE, JOHN P., New York, Chemistry.
 STOLLER, GERALD S., Brooklyn, Mathematics.
 STRAHS, GERALD, Elmhurst, Chemistry.
 STRAUSS, WALTER A., Kew Gardens, Mathematics.
 SUSSMAN, RUTH P., New York, Biochemistry.
 SUTHERLAND, IVAN E., Scarsdale, Engineering.
 TANNENBAUM, MICHAEL J., Bronx, Physics.
 THOMPSON, PHILIP A., Berlin, Engineering.
 TOWELL, DAVID G., Fillmore, Earth Sciences.
 WAHLIG, MICHAEL A., Woodside, Physics.
 WATSON, GEORGE E. III, New York, Biology.
 WEBB, JULIAN P., Rochester, Physics.
 WEINMAN, ROBERT W., Brooklyn, Physics.
 WEISS, GERALD, Far Rockaway, Anthropology.
 WIGGIN, ROBERT T., Feura Bush, Mathematics.
 WOLLMAN, HERBERT B., Flushing, Engineering.
 WORTIS, MICHAEL, New York, Physics.
 ZIMMERMAN, SETH I., New York, Mathematics.
 ZVENGROWSKI, PETER D., Bronx, Mathematics.

Cooperative Graduate

ACTON, NANCY V., Baldwin, Chemistry.
 ARBY, ALICE L., Great Neck, Biology.
 ALEXANDER, ALEXANDER A., Buffalo, Biology.
 ALLISON, SUSAN V., Yonkers, Biology.
 AMBROGI, RAYMOND R., Brooklyn, Engineering.
 AX, JAMES B., New York, Mathematics.
 BAIBERLEIN, RALPH F., Hartsdale, Physics.
 BALCH, MICHAEL S., Brooklyn, Mathematics.
 BARBOUR, DAVID, Patchogue, Engineering.
 BEDNAREK, ALEXANDER R., Buffalo, Mathematics.
 BEHRENS, EARL W., Rensselaer, Earth Sciences.
 BELL, HOWARD E., Medusa, Mathematics.
 BELLICOURT, SK. KATHLEEN, Troy, Mathematics.
 BERGER, CHARLES A., Brooklyn, Mathematics.
 BERGLAS, HILDA, Spring Valley, Medical Science.
 BERNOLD, STANLEY, Flushing, Earth Sciences.
 BLEISTEIN, NORMAN, Jamaica, Mathematics.
 BLOCH, GENE E., Buffalo, Mathematics.
 BOLKER, ETHAN D., Brooklyn, Mathematics.

BOOKER, JOHN F., Ithaca, Engineering.
 BRAGG, LINCOLN E., Orchard Park, Mathematics.
 BRANDSTEIN, ALFRED G., Brooklyn, Mathematics.
 BRIGGS, JAMES E., Glen Cove, Engineering.
 BRONWITZ, LAURENCE E., Fredonia, Engineering.
 COHEN, SHELDON M., Bronx, Psychology.
 CORNER, MICHAEL A., New York, Biology.
 CRUCE, WILLIAM J., Brooklyn, Chemistry.
 CURRIE, DOUGLAS G., Rochester, Physics.
 CUREY, VIRGINIA A., White Plains, Biology.
 DE NEUFVILLE, RICHARD L., Nyack, Engineering.
 DELESSIO, NOEL, Brooklyn, Engineering.
 DENNER, BRUCE, Riverdale, Psychology.
 DIAMENT, PAUL, Brooklyn, Engineering.
 DICARLO, JAMES A., Buffalo, Physics.
 DIETZ, RUSSELL N., Wantagh, Engineering.
 DUHL, DAVID, Staten Island, Engineering.
 EIDSON, JOHN C., Scarsdale, Engineering.
 FADEN, ARNOLD M., Bronx, Social Sciences.
 FALK, THEODORE J., Dryden, Engineering.
 FAWCETT, JAMES T., Yonkers, Psychology.
 FEINLEIB, JULIUS, Brooklyn, Physics.
 FELDMAN, PAUL D., Floral Park, L.I., Physics.
 FINKLER, PAUL, Brooklyn, Physics.
 FINLEY, KAY T., Penfield, Chemistry.
 FINNERTY, ANTHONY E., Brooklyn, Chemistry.
 FLACKS, RICHARD, Brooklyn, Psychology.
 FLEISCHER, HENRY, Jackson Heights, Chemistry.
 FOSTER, EDWARD J., Syracuse, Physics.
 FOX, JOEL S., Brooklyn, Engineering.
 FRAIR, WAYNE, Briarcliff Manor, Microbiology.
 FRANK, ERNEST C., Astoria, Agriculture.
 FRANKLIN, ALLAN D., Brooklyn, Physics.
 FRASCATORE, ROBERT C., Amsterdam, Mathematics.
 FREUND, ISAAC, New York, Chemistry.
 FRIEDMAN, DAVID H., Long Beach, Engineering.
 FRIEDMAN, JOSEF N., Brooklyn, Physics.
 FUCHS, EDWARD, Jamaica, Engineering.
 GARDNER, LAURENCE T., Jr., New York, Mathematics.
 GARRELL, MARTIN H., Brooklyn, Physics.
 GARROD, CLAUDE, New York, Physics.
 GEISS, GUNTHER R., Richmond Hill, Engineering.
 GELMAN, HARRY, New York, Physics.
 GERSHENSON, HILLEL H., New York, Mathematics.
 GLICKFELD, BARNETT W., New York, Mathematics.
 GOLD, PHILLIP J., New York, Mathematics.
 GOLDSTEIN, ROBERT P., Binghamton, Engineering.
 GOODE, ROBERT P., New York, Zoology.
 GREEN, MICHAEL E., Brooklyn, Biochemistry.
 GREENBLATT, ROBERT, Brooklyn, Mathematics.
 GREENE, SAMUEL L., Syracuse, Physics.
 HAMMER, ROBERTA E., Brooklyn, Chemistry.
 HARD, JOHN S., Red Hook, Zoology.
 HARRINGTON, JOSEPH J., Brooklyn, Engineering.
 HAYNE, CHARLES A., Douglas, Mathematics.
 HERMAN, HARVEY B., Brooklyn, Chemistry.
 HERZBERG, NORMAN P., Brooklyn, Mathematics.
 HILL, DAVID B., Brooklyn, Engineering.
 HOUCK, DAVID J., Buffalo, Biology.

JOHNSON, STANLEY L., Ithaca, Biochemistry.
 JORDAN, THOMAS F., Rochester, Physics.
 KALANTAR, ALFRED H., Ithaca, Chemistry.
 KATZBER, MEYER, Bronx, Physics.
 KENNEY, DONALD M., Endicott, Chemistry.
 KLAWANSKY, SIDNEY, Brooklyn, Physics.
 KNIGHT, LONNIE W., New York, Chemistry.
 KNOBE, PEARL A., Bronx, Psychology.
 KRAMER, BARRY F., New York, Mathematics.
 KRUMBEIN, SIMON J., Brooklyn, Chemistry.
 KUBY, GEORGE H., Bronx, Mathematics.
 LASHER, RICHARD J., Germantown, Engineering.
 LAUFER, KENNETH S., Queens, Zoology.
 LEVINE, IRENE S., New York, Psychology.
 LEVINE, JAMES L., Neponsit, Physics.
 LEVY, HAROLD, New York, Engineering.
 LEVY, PAUL F., Bronx, Biochemistry.
 LIFF, ALLAN I., New York, Engineering.
 LINDZEN, RICHARD S., New York, Mathematics.
 LINTON, FRED E., New York, Mathematics.
 LOGGHER, ROBERT D., Scarsdale, Engineering.
 LOSTAGLIO, VINCENT J., Elmhurst, Long Island, Chemistry.
 LUBIN, JONATHAN D., Staten Island, Mathematics.
 LUTOMIRSKI, RICHARD F., Brooklyn, Engineering.
 LUTZ, CHARLES A., West Hempstead, Chemistry.
 MAHONEY, JAMES R., Syracuse, Earth Sciences.
 MAZO, JAMES E., Syracuse, Physics.
 MCINERNEY, THOMAS J., New York, Mathematics.
 MCLAUGHLIN, JOHN P., Bronx, Psychology.
 MEYER, RICHARD M., Snyder, Mathematics.
 MIGLIORE, JOSEPH J., New York, Zoology.
 MILSTEIN, SANDRA, New York, Psychology.
 MINKUS, JEROME B., Brooklyn, Mathematics.
 MOSHER, ROBERT E., Larchmont, Mathematics.
 MOSS, ROBERT A., Brooklyn, Chemistry.
 MULDOON, JAMES F., Brooklyn, Engineering.
 NAGER, JOEL A., Jamaica, Mathematics.
 NEWMAN, STEVEN S., Baldwin, Physics.
 NIDDERCORN, JOHN H., Pearl River, Social Sciences.
 NOE, RALPH W., New York, Chemistry.
 NOVICK, AARON J., Brooklyn, Physics.
 OLSHAKER, ARNOLD E., Brooklyn, Engineering.
 O'MALLEY, THOMAS F., New York, Physics.
 PARKER, ALFRED B., Jamestown, Earth Sciences.
 PARMENTER, CHARLES S., Rochester, Chemistry.
 PENCHINA, CLAUDE M., New York, Physics.
 PEREL, JAMES M., Bronx, Chemistry.
 PERRY, FREDERICK W., Holley, Engineering.
 PETERSON, SUZANNE C., Jamestown, Chemistry.
 PINCUS, EDWARD R., New York, Social Sciences.
 PITTARO, MAURO J., Jr., Long Island, Engineering.
 RADER, CHARLES M., Brooklyn, Engineering.
 RADINSKY, LEONARD B., Staten Island, Earth Sciences.
 RAFFEL, HELEN, New York, Social Sciences.
 RAND, GEORGE, Bronx, Psychology.
 REIFENBERG, GERALD H., Brooklyn, Chemistry.
 REILLY, Sr. MARGUERITE, Hoosick Falls, Zoology.

REPETSKI, JAMES E., Buffalo, Engineering.
 RIBNER, AARON, Brooklyn, Chemistry.
 RICKERT, RICHARD M., Brooklyn, Engineering.
 ROSE, ROBERT M., Flushing, Engineering.
 ROSEN, ERWIN S., New York, Psychology.
 ROST, ERNEST S., New Paltz, Physics.
 ROTHENBERG, RONALD I., Bronx, Engineering.
 ROTHLEDER, STEPHEN D., Bronx, Engineering.
 ROTHSCHILD, WALTER G., New York, Chemistry.
 SALKIND, JEANNETTE, Bronx, Mathematics.
 SALOMONE, RAMON A., New York, Chemistry.
 SAMARITANO, JOHN, Elmhurst, Engineering.
 SCHARFF, RAYMOND, Brooklyn, Zoology.
 SCHULZE, ARTHUR W., Forest Hills, Chemistry.
 SIBNER, ROBERT J., Brooklyn, Mathematics.
 SILVERT, WILLIAM L., New York, Physics.
 SLADE, EDWIN, Riverdale, Engineering.
 SNOW, WOLFE, Brooklyn, Mathematics.
 SNYGG, JOHN M., Oswego, Mathematics.
 SOBELL, ALAN, Brooklyn, Physics.
 SOLOVAY, ROBERT M., Brooklyn, Mathematics.
 STELL, GEORGE R., New York, Mathematics.
 SWEENEY, DONALD R., Floral Park, Psychology.
 TEIGER, MARTIN L., Brooklyn, Physics.
 TIERNEY, MYLES, New York, Mathematics.
 TILSON, SEYMOUR, New York, Earth Science.
 TONRA, PATRICK J., Brooklyn, Mathematics.
 VANDERSTOUW, GERALD G., Rochester, Chemistry.
 WALTON, DANIEL C., Syracuse, Botany.
 WARTEN, RALPH M., Levittown, Mathematics.
 WEINGOLD, HARRIS D., Bronx, Engineering.
 WEISS, ETHEL, New York, Psychology.
 WEISS, JONAS, New York, Chemistry.
 WIRTENSON, MARY E., Nyack, Zoology.
 WORTIS, ROCHELLE P., New York, Psychology.

Postdoctoral

BARLAND, PETER, Forest Hills, Medical Sciences.
 BOEZI, JOHN A., Binghamton, Microbiology.
 BRAY, RICHARD C., New York, Biochemistry.
 CEBRA, JOHN J., New York, Biochemistry.
 CHOROVER, STEPHEN L., New York, Psychology.
 DOLLIVER, JAMES S., Ithaca, Botany.
 ECKERT, ROGER O., New York, Zoology.
 GOLDBERG, ABRAHAM, Staten Island, Physics.
 GREENDLINGER, MARTIN, Brooklyn, Mathematics.
 KADANOFF, LEO P., New York, Physics.
 LONG, LEON E., Fallsides, Earth Sciences.
 NASS, MARGIT M., Long Beach, Zoology.
 NOVIN, DONALD, Brooklyn, Psychology.
 PASTO, DANIEL J., Erin, Chemistry.
 RICKARD, CHARLES G., Ithaca, Agriculture.
 STRAUSS, HERBERT L., Kew Gardens, Chemistry.
 TSANG, WING, Forest Hills, Chemistry.
 TULLY, EDWARD J., Jr., Mastic Beach, Mathematics.
 VINCOW, GERSHON, Brooklyn, Chemistry.
 WENDT, RICHARD H., West Henrietta, Medical Sciences.

Senior Postdoctoral

BARKSDALE, W. LANE, New York City, Microbiology.
 DE WIRE, JOHN W., Ithaca, Physics.

NEW YORK—Continued

GREGORY, JOHN D., New York City, Biochemistry.
 HOLE, GEORGE G., Jr., Syracuse, Zoology.
 KOLCHIN, ELLIS R., New York, Mathematics.
 MARCUS, RUDOLPH A., New York, Mathematics.
 MEINWALD, JERROLD, Ithaca, Chemistry.
 OSTER, GERALD, New York, Chemistry.
 ROSS, ARCHIBALD F., Ithaca, Botany.
 SALPETER, EDWIN H., Ithaca, Astronomy.
 SRB, ADRIAN M., Ithaca, Genetics.
 SUNYAR, ANDREW W., Long Island, Physics.

Science Faculty

ALLARD, Sr., MARY J., Buffalo, Chemistry.
 BATTIN, WILLIAM J., Jr., Potsdam, Engineering.
 BRAISTED, PAUL W., Syracuse, Engineering.
 CALHOON, STEPHEN W., Jr., Houghton, Chemistry.
 DORATO, PETER E., Brooklyn, Engineering.
 EISENSTADT, RAYMOND, Schenectady, Engineering.
 JACOBSON, EUGENE D., New York, Physics.
 KOCHERSBERGER, ROBERT C., Jamestown, Zoology.
 LANNI, ROBERT P., New York, Physics.
 LABSSON, ROBERT D., Potsdam, Mathematics.
 MIKOCHIK, STEPHEN T., Brooklyn, Engineering.
 NANGEBONI, LOUIS L., Ithaca, Agriculture.
 POMILLA, FRANK R., Brooklyn, Physics.
 POURING, ANDREW A., Farmingdale, Engineering.
 PRENOWITZ, WALTER, Brooklyn, Mathematics.
 SEELY, NATHAN T., Jr., Mamaroneck, Mathematics.
 SIGLER, LAURENCE E., New York, Mathematics.
 SOEHNGEN, HENRY F., Brooklyn, Engineering.
 STOTZ, KERWIN C., Troy, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BALLARD, KAITH E., New York, Social Sciences.
 BARILE, RAYMOND C., New York, Chemistry.
 BARTLETT, JEANNE S., Troy, Chemistry.
 BASILE, DOMINICK V., Yonkers, Botany.
 BRESTERFELDT, HERMAN J., Woodhaven, Mathematics.
 BLEYMAN, LEA K., New York, Zoology.
 BOOKER, JOHN F., Ithaca, Engineering.
 BOTTOMLEY, CHARLES G., Ithaca, Chemistry.
 BURTON, DONALD J., Ithaca, Chemistry.
 CARR, ROBERT W., Rochester, Chemistry.
 CASSIDY, MARTIN M., Pleasantville, Earth Sciences.
 CHILTON, BRUCE L., Tonawanda, Mathematics.
 DITTRICK, JOHN W., Great Neck, Chemistry.
 ERBIG, IRMA B., Brooklyn, Mathematics.
 FINK, RICHARD D., New Rochelle, Chemistry.
 GARDNER, ALBERT H., Syracuse, Psychology.
 GARDNER, LAURENCE T., Jr., New York, Mathematics.
 GOICBERG, ASHER D., Rochester, Psychology.
 GORMAN, ANTHONY L. F., Rochester, Psychology.
 GRAFF, ROBERT A., New York, Engineering.
 GRIERSON, JAMES D., Jr., Ithaca, Botany.
 HAPKE, BRUCE W., Ithaca, Engineering.
 HETZEL, HOWARD R., Webster, Zoology.
 HUMPHREY, HOWARD T., Buffalo, Mathematics.
 ISAACSON, ROBERT B., New York, Chemistry.

KATZ, MAURICE J., New York, Physics.
 KAUFMAN, SHELDON E., Bronx, Physics.
 KINLOCH, JOHN, New York, Mathematics.
 KONZ, MARVIN J., Naples, Chemistry.
 KOVAL, LESLIE R., Ithaca, Engineering.
 KEAMER, BARRY F., New York, Mathematics.
 LAPALME, DONALD W., Valley Stream, Chemistry.
 MARSHALL, PATRICIA A., Whitestone, Chemistry.
 MAZO, JAMES E., Syracuse, Physics.
 MCKEON, BRENDA C., Brooklyn, Mathematics.
 MCMANUS, LAWRENCE R., Ithaca, Zoology.
 MEGAHAN, WALTER F., Merrick, Agriculture.
 MILLER, EDWARD G., Ithaca, Chemistry.
 MORSE, J. EDWIN, Brooklyn, Agriculture.
 NIXON, JAMES, Ithaca, Chemistry.
 OTREMBIA, EDWARD D., Lackawanna, Chemistry.
 PETERSON, BRUCE B., Syracuse, Mathematics.
 PIERCE, FELIX J., Ithaca, Engineering.
 PUTZ, HERBERT B., Brooklyn, Mathematics.
 RHOADES, RICHARD W., Port Washington, Botany.
 RIEFFEL, MARC A., Manhasset, Mathematics.

Graduate Teaching Assistants

BOZYCKI, EUGENE P., Cheektowaga, Mathematics.
 RUSZKAY, RICHARD J., New York, Engineering.
 SANDVIK, ERIK I., Rochester, Chemistry.
 SCHER, HARVEY, Syracuse, Physics.
 SCHWARTZ, BRIAN B., Brooklyn, Physics.
 SCHWARTZ, LEONARD H., New York, Chemistry.
 STUBER, JOAN E., Yonkers, Chemistry.
 TEICHMAN, PAUL, Brooklyn, Physics.
 TILSON, SEYMOUR, New York, Earth Sciences.
 TOMLINSON, PERCIVAL A. S., Brooklyn, Psychology.

Summer Fellowships for Secondary School Teachers

BADER, ABRAM, Brooklyn, Physics.
 BECHTOLD, CHARLES A., New York, Mathematics.
 BLUM, HAMILTON S., Farmingdale, Mathematics.
 BOROWSKY, NATHAN, New York, Physics.
 BROOKS, LUCILE E., Marcellus, Psychology.
 CISM, FRANKLYN P., Harpursville, Chemistry.
 DODES, IRVING ALLEN, New York, Mathematics.
 DRILLING, ELMO V., Buffalo, Mathematics.
 FEIT, JULIUS, North Bellmore, Physics.
 FRANKEL, BELLA R., New York, General Sciences.
 GAFFNEY, Sr., KATHERINE B., Bardonia, Chemistry.
 GERLOCK, FRANK GEORGE, Nyack, Biology.
 GESLAK, FRANK W., Chateaugay, General Sciences.
 GIANTURCO, ANGELO J., Buffalo, General Science.
 GLICKSMAN, ABRAHAM M., New York, Mathematics.
 GRELL, EINAR F., Huntington Station, Biology.
 GROSSMAN, ISRAEL, New Rochelle, Mathematics.
 HALSEY, ANNE E., Hyde Park, General Sciences.
 JAFFE, BENJAMIN, New York, Mathematics.
 KELLNER, Sr., MARIA, Rochester, Chemistry.

KLEIN, MELVIN PHILIP, New York, Mathematics.
 LENCHNER, GEORGE, Franklin Square, Mathematics.
 LESTER, WELLINGTON F., Hancock, Biology.
 LOEB, Sr., M. RAYMOND, Brooklyn, Mathematics.
 MAGDALIN, ROBERT S., Queens, Mathematics.
 MALONEY, ST. JOANNE T., New York, Mathematics.
 MCINTYRE, PATRICK J., New Hyde Park, Chemistry.
 MCGOWAN, LAURENCE J., White Plains, Biochemistry.
 MICHEL, ROBERT H., New York, Mathematics.
 MILLER, ROBERT R., Sr., Plattsburgh, Zoology.
 ORTNER, Sr. M. CONRAD, New York, Chemistry.
 PARVER, HARRY, Brooklyn, Chemistry.
 POELKER, Sr. M. LEONARD, New York, Mathematics.
 REMERY, Sr. FRANCES A., Auburn, Biology.
 RITZ, WILLIAM C., Snyder, Biology.
 RUDERMAN, RUTH M., New York, Mathematics.
 SAKS, NORMAN MARTIN, Brooklyn, Biology.
 SCHMEER, Sr. M. ROSARIO, New York, Biology.
 SKLAR, SAMUEL E., New York, Mathematics.
 SKLENARIK, ROBERT F., Unadilla, Biology.
 SMITH, JOHN E., Nyack, Chemistry.
 SONEN, RALPH PAUL, Northport, Biology.
 STEDMAN, EARL D., Glen Head, Chemistry.
 TAFT, MARJORIE LANG, Woodmere, Mathematics.
 WAGNER, DANIEL, New Rochelle, Biology.
 WALTER, ROGER W., Clyde, General Sciences.
 WEISS, EMANUEL, New York, Physics.
 WEISS, RICHARD, New York, Zoology.
 WEISSMAN, SIMON A., Brooklyn, Chemistry.
 YONIS, LEONARD, New York, Mathematics.
 ZIMMERMAN, ROBERT F., Dewitt, Biology.

NORTH CAROLINA

Graduate

BLAKE, ROY B., Jr., Winston-Salem, Engineering.
 BYRANT, DAVID R., Greensboro, Chemistry.
 CARLTON, TERRY S., Reidsville, Chemistry.
 CONRY, MURPHY B., Rockwell, Chemistry.
 DAVIS, HOWARD T., Hendersonville, Chemistry.
 GIBBS, HYATT M., North Wilkesboro, Physics.
 GRIFFITHS, PHILLIP A., Raleigh, Mathematics.
 HAPPER, WILLIAM, Lenoir, Physics.
 HUBBARD ROBERT L., Chapel Hill, Physics.
 LOBE, LAWRENCE L., Jr., Kings Mountain, Chemistry.
 NANNEY, CECIL A., Black Mountain, Physics.
 NORSWORTHY, DAVID R., Chapel Hill, Social Sciences.

Cooperative Graduate

CARROLL, FRANK I., Chapel Hill, Chemistry.
 COWARDIN, ROBERT L., Raleigh, Engineering.
 DABBS, JAMES M., Jr., Mayesville, Psychology.
 FALLAW, WALLACE C., Hillsboro, Earth Sciences.
 HALL, ELIZABETH A., Salisbury, Chemistry.
 HILLS, FRANCIS A., Battleboro, Earth Sciences.
 KIMEL, JACOB D., Jr., Winston-Salem, Physics.

OWEN, GORDON, N. Jr., Raleigh, Engineering.
 SCHUTZ, WILFRED M., Raleigh, Genetics.
 STONECYPHER, ROY W., Raleigh, Genetics.
 WORK, STEWART D., Durham, Chemistry.

Postdoctoral

KING, HARRY F., Greensboro, Chemistry.
 KORNEGAY, WADE M., Mount Olive, Chemistry.
 WESSELS, NORMAN K., Winston-Salem, Zoology.

Senior Postdoctoral

OKUN, DANIEL A., Chapel Hill, Engineering.
 PALMATIER, EVERETT D., Chapel Hill, Physics.

Science Faculty

BEATTY, OZELL K., Salisbury, Botany.
 ELLER, JAMES G., Cullowee, Zoology.
 HARRELL, JOHN D., Jr., Greensboro, Mathematics.
 HARRISBERGER, LEE EDGAR, Raleigh, Engineering.
 MANN, WILLIAM R., Chapel Hill, Mathematics.
 SHUFORD, FLORENCE V., Hickory, Mathematics.
 VICK, ALPHONSO R., Winston-Salem, Botany.
Summer Fellowships for Graduate Teaching Assistants
 ADAMS, DAVID A., Raleigh, Botany.
 ASHBROOK, BETTY J., Cullowee, Mathematics.
 BRUCE, RICHARD C., Durham, Zoology.
 CROWDER, BILLY L., Greensboro, Chemistry.
 DOVE, LEWIS D., Durham, Botany.
 GARCIA, BERTRAM H., Jr., Raleigh, Engineering.
 GORFORTH, SAMUEL T., Jr., Raleigh, Engineering.
 LOVEN, ANDREW W., Crossnore, Chemistry.
 PEARSON, JOSEPH T., Jr., Raleigh, Engineering.

Summer Fellowships for Secondary School Teachers

CHEEK, WILLIAM E., Matthews, Chemistry.
 DRAKE, REUBEN C., Concord, Mathematics.
 HAGAMAN, WALTER H., Mooresville, Mathematics.
 LAVINDER, ELIZABETH E., Henderson, Mathematics.
 SCHULTZ, NANCY W., Winston-Salem, Biology.
 TESTER, JOEL CALAWAY, Gastonia, Biology.
 YONGUE, WILLIAM H., Charlotte, Biology.

NORTH DAKOTA

Graduate

SPANDE, THOMAS F., Mayville, Chemistry.
 UTGAARD, JOHN E., Minot, Earth Sciences.

Cooperative Graduate

LUNSETTER, WAYNE B., Fargo, Biochemistry.
 MCHOSE, JAMES H., Fargo, Psychology.
 MUNRO, JANE A., Fargo, Zoology.
 ONSAGER, JEROME A., West Fargo, Zoology.

Postdoctoral

THOMAS, PAUL E., Fargo, Mathematics.

Science Faculty

OLSON LLOYD D., State College, Mathematics.
 YEAGER, VERNON L., Grand Forks, Medical Sciences.

NORTH DAKOTA—Continued*Summer Fellowships for Graduate Teaching Assistants*

BARES, WILLIAM A., Beach, Engineering.
 BEATTY, JAMES W., Jr., Fargo, Chemistry.
 BERGER, THOMAS J., Fargo, Zoology.
 NELSON, DELBERT R., Ellendale, Medical Sciences.
 PETERSON, CARL M., Backoo, Engineering.
 SOBOLIK, RONALD C., Grand Forks, Mathematics.

Summer Fellowships for Secondary School Teachers

JACOBSON, ROBERT L., Grand Forks, Mathematics.
 OLLENBURGER, ALVIN W., Wimbledon, Mathematics.

OHIO*Graduate*

ARGUS, CAROL J., Columbus, Physics.
 BARGER, JAMES E., Toledo, Engineering.
 BEISNER, HENRY M., Tiffin, Physics.
 BERNDT, DONALD C., Toledo, Chemistry.
 BRABSON, BENNET B., Findlay, Physics.
 CARROLL, TOM W., Cincinnati, Engineering.
 CHANEY, ROBIN W., Columbus, Mathematics.
 COOPER, PAUL D., Worthington, Earth Sciences.
 DEUTSCH, ELIZABETH J., Shaker Heights, Zoology.
 DOUGLAS, RONALD G., Cincinnati, Mathematics.
 ELLIS, DAVID G., Marietta, Physics.
 FARISON, JAMES B., McClure, Engineering.
 FETTIS, HENRY E., Dayton, Mathematics.
 FROMMER, GABRIEL P., Cincinnati, Psychology.
 GANS, DANIEL J., University Heights, Physics.
 GIBSY, DANIEL P., Columbus, Mathematics.
 GLESER, LEON J., Cincinnati, Mathematics.
 GORDON, ALICE M., Columbus, Psychology.
 GREENBERG, WILLIAM M., Toledo, Physics.
 HEMPEL, WALTER P., Cincinnati, Microbiology.
 HORN, WILLIAM A., Cincinnati, Mathematics.
 KEHOE, JAC S., Dayton, Psychology.
 KRAPP, PAUL J., Springfield, Chemistry.
 KREIMER, HERBERT F., Jr., Cincinnati, Mathematics.
 KUEMPFL, PETER L., Cincinnati, Biochemistry.
 KUTCHER, JAMES W., East Cleveland, Physics.
 LAZDINS, DAGNIJA, Delaware, Chemistry.
 LEBOR, ANDREW S., Cincinnati, Physics.
 LEVY, RICHARD M., Cincinnati, Chemistry.
 MACMAHON, JAMES A., Dayton, Zoology.
 McDONOUGH, JOSEPH A., Cincinnati, Engineering.
 MENGERT, PETER H., Painesville, Physics.
 MENNINGER, JOHN R., Dayton, Biophysics.
 MILLER, STEVEN R., Bay Village, Chemistry.
 MYERS, ALAN L., Cincinnati, Engineering.
 NETTING, ROBERT M., Cincinnati, Anthropology.
 PATTY, RICHARD R., Columbus, Physics.
 PRICE, ELLEN J., East Cleveland, Chemistry.
 REILLY, BERNARD E., Cleveland, Genetics.
 RIX, JOHN R., Bay Village, Physics.
 SHAFER, DAVID M., Cincinnati, Mathematics.
 SORRELL, CHARLES A., Hamilton, Earth Sciences.
 SUGAR, ROBERT L., Beachwood, Physics.

SWEENEY, THOMAS L., Cleveland, Engineering.

TAYLOR, LYNN J., Cuyahoga Falls, Chemistry.

TSCHANZ, JOHN F., Lima, Physics.

VANDENEYNDEN, CHARLES L., St. Bernard, Mathematics.

VERDERBER, JOSEPH A., Cleveland, Engineering.

WEBB, DAVID K., Jr., Chillicothe, Earth Sciences.

WILKINS, CORNELIUS K., Jr., Bedford, Chemistry.

WILLIAMS, FRANCIS D., Columbus, Mathematics.

Cooperative Graduate

ADAM, WALDEMAR, Cincinnati, Chemistry.
 ALMONEY, JUDY A., Dayton, Zoology.
 ANDERSON, CHARLES T., Columbus, Mathematics.
 BEARD, JAMES B., Bradford, Agriculture.
 BESHINSKE, RAYMOND J., Cleveland, Chemistry.
 BLOOM, SANFORD G., Columbus, Engineering.
 BROWN, THOMAS A., Dayton, Mathematics.
 BRUECKNER, DAVID A., Miamisburg, Microbiology.
 BRUNNER, CARL A., Cincinnati, Engineering.
 CARPENTER, RICHARD N., Cleveland, Chemistry.
 CONNOLLY, JOHN W., Cincinnati, Chemistry.
 CORELL, SAM R., Greenfield, Chemistry.
 CORNELL, DOUGLAS W., Bowling Green, Chemistry.
 CORNELL, ROSS H., Bowling Green, Mathematics.
 CRANO, JOHN C., Euclid, Chemistry.
 CRUDEN, ROBERT W., Berea, Botany.
 DAUGHERTY, PATRICIA A., Columbus, Genetics.
 DAWSON, WALLACE D., Jr., Columbus, Genetics.
 FALB, RICHARD D., Columbus, Chemistry.
 FINZEL, JEAN E., Westlake, Zoology.
 FREVERT, PETER W., Utica, Social Sciences.
 FRIIHAUF, EDWARD J., Burton, Chemistry.
 GIFFORD, PHILLIP H. II, Worthington, Engineering.
 GOULD, ROBERT L., Shaker Heights, Engineering.
 HABERMAN, CAROL B., Cleveland Heights, Chemistry.
 HERBERT, NICHOLAS C., Columbus, Physics.
 HOFFMAN, RALPH B., Washington Court House, Engineering.
 HOLMES, FREDERIC L., Cincinnati, Social Sciences.
 JACOBS, GERALD D., Perrysburg, Chemistry.
 JOYCE, WILLIAM B., Columbus, Physics.
 JULYAN, FREDERICK J., Columbus, Zoology.
 KEHOE, BRANDT, Dayton, Physics.
 KELLEY, FRANK N., Suffield, Chemistry.
 KRAUSE, DANIEL J., Columbus, Engineering.
 KULINSKI, EDMUND S., Cleveland, Engineering.
 KVARDA, BETTY L., Lakeside, Mathematics.
 LARSEN, ARTHUR B., Parma Heights, Engineering.
 MARCUS, JULIUS L., Cleveland, Engineering.
 MCGAUGHY, ROBERT E., Cleveland, Physics.
 MILLER, HARRY G., Defiance, Physics.
 MURZYN, DOROTHY P., Parma, Chemistry.
 PFLIBER, WILLIAM L., Columbus, Zoology.
 POLITZER, PETER A., Cleveland, Chemistry.
 POOS, WILMA J., Eaton, Biochemistry.

ROBINSON, DAVID P., Cincinnati, Chemistry.
SCHOEN, THOMAS A., Dayton, Mathematics.
SCHROEBER, DIETRICH, Enon, Physics.
SECOY, DIANE M., Troy, Zoology.
SKAATES, JAMES M., Worthington, Engineering.
SOPKOVICH, NICHOLAS J., Canfield, Physics.
THOMAS, DAVID T., Barnesville, Engineering.
WAGNER, PHILIP L., Cleveland Heights, Chemistry.
WALTERS, VIRGINIA F., Cleveland, Physics.
WAMPLER, DALE L., Lima, Chemistry.
WEISGERBER, DAVID W., Delphos, Chemistry.
WHITLOCK, RICHARD T., Cleveland, Physics.
WIEGAND, KARL L., Columbus, Psychology.
WILCOX, JOHN P., Columbus, Engineering.
WILLIAMS, ROBERT L., Coshocton, Engineering.

ZERLA, FREDRIC J., Dillonvale, Mathematics.

Postdoctoral

CARRUTHERS, PETER A., Middletown, Physics.
CHATO, JOHN C., Dayton, Engineering.
EGGERT, DONALD A., Parma, Botany.
FOOTE, JOEL L., Cleveland, Biochemistry.
KOENIG, DONALD F., Cuyahoga Falls, Biophysics.
SAUER, KENNETH H., East Cleveland, Chemistry.
WOOLLEY, DOROTHY E., Wapakoneta, Medical Sciences.
ZWOLENIK, JAMES J., Cleveland, Chemistry.

Senior Postdoctoral

GOLDBERG, JOSHUA N., Trotwood, Physics.
UTTER, MERTON, F., Cleveland, Biochemistry.
ZEISS, HAROLD H., Dayton, Chemistry.

Science Faculty

BRUMBAUGH, JOE H., Greenville, Biology.
CONLON, HOWARD E., Cleveland, Engineering.
DILLON, THADDEUS III, Youngstown, Mathematics.
GOLDBERG, SAMUEL, Oberlin, Mathematics.
LOEHR, RAYMOND C., Cleveland, Engineering.
LUDEMAN, JOHN F., New Concord, Psychology.
LUTZ, ARTHUR L., Springfield, Physics.
MAJOR, JOHN K., Cleveland, Physics.
MILLER, WILLIAM R., Cleveland, Engineering.
ROGERS, KAY T., Oberlin, Medical Science.
SHIVELY, RALPH L., Cleveland, Mathematics.
STEVENS, RICHARD H., Cincinnati, Mathematics.
TRANSUE, WILLIAM R., Gambier, Mathematics.
VANCE, ELBRIDGE P., Oberlin, Mathematics.
WEBSTER, ELEANOR R., Cleveland, Chemistry.
YOSWIAK, BERNARD J., Youngstown, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

BACHOP, WILLIAM E., Columbus, Zoology.
BRANDTS, JOHN F., Celina, Chemistry.
CASTLE, RICHARD T., Urbana, Physics.
CHERRY, ROBERT H., Jr., Columbus, Engineering.
COPPAGE, WILLIAM E., Columbus, Mathematics.
CORIBILL, SAM R., Greenfield, Chemistry.

DAUGHERTY, PATRICIA A., Columbus, Genetics.
FINEGAN, JOEL D., Cleveland, Physics.
FREVERT, PETER W., Utica, Social Sciences.
GLASER, FREDERIC M., Fostoria, Chemistry.
GRUNDER, JOHN R., Minerva, Chemistry.
GUSTAFSON, LEWIS B., Lakewood, Earth Sciences.
HUBSCHMAN, JERRY H., Columbus, Zoology.
MAHIG, JOSEPH, Columbus, Engineering.
MARTIN, FRANK B., Berea, Mathematics.
MCEWEN, MICHAEL C., Toledo, Earth Sciences.
MCMENNAMIN, MARGARET A., Wadsworth, Biochemistry.
MERRYMAN, EARL L., St. Clairsville, Chemistry.
MILLER, STEVEN R., Bay Village, Chemistry.
MURPHY, CHARLES T., Oberlin, Physics.
PATTEE, PETER A., Columbus, Microbiology.
POLT, JAMES M., Lancaster, Psychology.
RITZ, HARRY L., Columbus, Genetics.
ROBERTSON, ANDREW E., Toledo, Microbiology.
SHIELDS, ROBERT J., Columbus, Zoology.
SMITH, DONALD E., Columbus, Zoology.
STUGAR, DANIEL, Cleveland, Chemistry.
WILLKE, THOMAS A., Columbus, Mathematics.
ZEPF, THOMAS H., Cincinnati, Physics.

Summer Fellowships for Secondary School-teachers

BAIRD, ST. THOMAS MORE, Columbus, Biology.
BARGER, JACK HAROLD, Delaware, General Sciences.
BARKER, WILLIAM W., Avonlake, Biology.
BARNES, JAMES N., Wickliffe, Biology.
BENESH, BRO. JOHN JAMES, Akron, Mathematics.
BROWNSON, WALTER M., Nova, Biology.
CAITO, ST. M. GEMMA, Columbus, Biology.
CONDIT, JOHN M., Columbus, Zoology.
COSTA, ROBERT R., Youngstown, Biology.
CYGNAR, BRO. ADRIAN, Gates Mills, Biology.
DECHANT, ST. M. JEANMARIE, South Euclid, Chemistry.
FLOOD, WILLIAM G., Canton, Chemistry.
FRANCOEUR, REV. ROBERT T., Steubenville, Biology.
GRAVES, CHARLES B., Trotwood, Biology.
HOLOBINKO, PAUL, Cleveland, Biology.
LATA, ALFRED JOHN, Shaker Heights, Chemistry.
METCALF, ZUBIE WEST, Dayton, Biology.
MILLS, DONALD H., Euclid, Mathematics.
NEMANN, ST. M. EDWINA, Cincinnati, Chemistry.
NEUENDORF, EDWARD J., Cincinnati, Mathematics.
NIKLAS, ST. M. JOHANNA, Piqua, Mathematics.
OLIVE, JOHN HENRY, Chagrin Fall, Zoology.
PRIMMER, MERL, Logan, Biology.
SCHROEB, ST. M. MICHEL, Norwood, Biology.
SELWAY, KENNETH, Cleveland Heights, Mathematics.
SHURLOW, HAROLD J., Columbus, Mathematics.
WELLINGER, ST. M. LEONARD, Rocky River, Biochemistry.
WILSON, MARILYN A., Hayesville, Mathematics.

OKLAHOMA

Graduate

ADAMS, ROY B., Wewoka, Physics.
BARNES, ROBERT F., Jr., Enid, Mathematics.
BLADE, RICHARD A., Bartlesville, Mathematics.
BUTLER, LARRY G., Ochelata, Biochemistry.
COOPER, JANE E., Tulsa, Genetics.
FRETWELL, LYMAN J., Jr., Tulsa, Physics.
GARLAND, JOHN K., Ponca City, Chemistry.
GILBERT, M. CHARLES, Lawton, Earth Sciences.
GOLDWYN, ROGER M., Tulsa, Engineering.
HURST, GERALD L., Oklahoma City, Chemistry.
JONES, WILLIAM B., Tulsa, Mathematics.
KIRKSE, DALE W., Alva, Engineering.
KRUGER, ROBERT A., Oklahoma City, Engineering.
LIPP, WILLIAM D., Bristow, Anthropology.
PAUL, JOHNNY C., Fairview, Engineering.
PONSOR, KENNETH C., Oklahoma City, Engineering.
ROBINSON, ROBERT L., Jr., Muskogee, Engineering.
SANMANN, EVERETT E., Geronimo, Physics.
SHOVER, EDWARD F., Tulsa, Earth Sciences.
TECH, JACK L., Oklahoma City, Astronomy.
WOOD, DAVID E., Seminole, Chemistry.
ZAVODNY, EUGENE N., Red Rock, Engineering.

Cooperative Graduate

BATH, THOMAS D., Midwest City, Engineering.
BODINE, JOHN J., Oklahoma City, Anthropology.
CRAWFORD, JOHN C., Ponca City, Physics.
DAVIS, ALLEN S., Oklahoma City, Mathematics.
DUGGER, HARRY A., Oklahoma City, Chemistry.
EDWARDS, JIMMIE G., Stillwater, Chemistry.
FRIEDRICH, HENRY B., Clinton, Chemistry.
FULTON, JAMES W., Norman, Engineering.
GREEN, DON W., Tulsa, Engineering.
HOWELL, MERLIN B., Guymor, Biochemistry.
JEFFREY, JOHN R., Bartlesville, Chemistry.
MCCORMICK, BAILIE J., Stillwater, Chemistry.
MCCRACKEN, CURTIS W., Vicl, Astronomy.
SANDERS, DONALD C., Stillwater, Biochemistry.
SLAUGHTER, EUGENE E., Jr., Durant, Mathematics.

Science Faculty

CALVERT, FLOYD O., Norman, Engineering.
DEAL, ROY B., Jr., Stillwater, Mathematics.
LOVE, TOM J. Jr., Norman, Engineering.
POOL, RICHARD B., Norman, Engineering.
SMITH, GORDON G., Stillwater, Engineering.

Summer Fellowships for Graduate Teaching Assistants

CECIL, DAVID R., Tulsa, Mathematics.
CRONBLE, WILLIAM R., Bartlesville, Earth Sciences.
DAVIS, KENNETH J., Lawton, Engineering.
FINLEY, RICHARD D., Tablequah, Mathematics.
FRIDAY, JOHN R., Cleveland, Engineering.
GARLAND, JOHN K., Ponca City, Chemistry.
GILBERT, M. CHARLES, Lawton, Earth Sciences.
MCCROSKEY, JACK E., Stillwater, Agriculture.

SHEELY, DONALD R., Norman, Earth Sciences.
WHITWORTH, WALTER R., Stillwater, Zoology.
WILLIAMS, CURTIS, Allen, Agriculture.
WILLIAMS, DONALD R., Morrison, Mathematics.

Summer Fellowships for Secondary School Teachers

BOTTOMS, GERALD DOYLE, Holdenville, Biology.
BRANDENBURG, ROBERT L., Alva, Zoology.
CROOKS, THOMAS C., Lindsay, Mathematics.
DAVIS, JOHN F., Muskogee, General Sciences.
DUFFER, WILLIAM R., Stratford, Botany.
EPPERSON, DONALD M., Claremore, Mathematics.
GUTHRIE, BENNETT M., Sr., Tablequah, Zoology.
JOB, JOHN MARSHALL, Ponca City, Mathematics.
JOHNSTON, RICHARD M., Tulsa, Mathematics.
TROUT, VERDINE E., Sand Springs, Biology.
WEITNER, W. CLEO, Davidson, Mathematics.

OREGON

Graduate

AMMANN, EUGENE O., Portland, Engineering.
BROWN, ROBERT B., Portland, Mathematics.
BURROUGHS, JOHN D., Salem, Engineering.
DIXON, RICHARD W., Woodburn, Engineering.
DURYEE, FRANCES L., North Bend, Microbiology.
EMRICH, ROBERT L., Eugene, Anthropology.
KERR, JAMES R., Portland, Engineering.
MACINTYRE, ROSS J., Yachats, Zoology.
MAHAN, GERALD D., Portland, Physics.
MCNEAL, BRIAN L., Corvallis, Agriculture.
MOURSUND, DAVID G., Eugene, Mathematics.
ORNDUFF, ROBERT, Portland, Botany.
PERSON, JAMES C., Salem, Chemistry.
RUSSELL, DALE A., Enterprise, Earth Sciences.
STOUT, EDGAR L., Grants Pass, Mathematics.
WETHERELL, CLYDE E., Hood River, Earth Sciences.

Cooperative Graduate

BIBBER, ALLAN L., Corvallis, Biochemistry.
GEORGE, MARJORY C., Tillamook, Chemistry.
GRITTON, GEORGE V., Corvallis, Chemistry.
HINRICHS, LOWELL A., Portland, Mathematics.
LEONETTI, FRED R., Portland, Engineering.
LORRE, THOMAS R., Vancouver, Physics.
LOWE, JAMES N., McMinnville, Chemistry.
LYNN, ELIZABETH, Eugene, Psychology.
MADDEN, JAMES P., Malib, Social Sciences.
ODEN, LAURANCE L., Nyssa, Chemistry.
PARKER, JERALD V., Portland, Physics.
PEARSON, GARY A., Portland, Physics.
PETERSEN, ROBERT J., Hillsboro, Chemistry.
PRAG, ARTHUR B., Portland, Physics.
SILVERMAN, ROY S., Portland, Mathematics.

Senior Postdoctoral

HILL, TERRELL L., Eugene, Physics.

Science Faculty

BOND, CARL E., Corvallis, Biology.
DAWSON, JAMES R., Ashland, Botany.
WEBER, LEONARD J., Corvallis, Engineering.
WICKS, CHARLES E., Corvallis, Engineering.

Summer Fellowships for Graduate Teaching Assistants

BAILEY, DUANE W., Creswell, Mathematics.
GOEBEL, JACK B., Corvallis, Mathematics.
HERMAN, WILLIAM S., Portland, Zoology.
MALKMUS, WILLIAM, Eugene, Physics.
NEUMANN, HERSCHEL, Eugene, Physics.
WILLIAMS, PETER S., Corvallis, Engineering.
WILSON, JIM D., Wecoma Beach, Agriculture.
WITCRAFT, DON A., Corvallis, Mathematics.

Summer Fellowships for Secondary School Teachers

BIEDERMAN, ARTHUR A., Tigard, General Sciences.
MCCORD, WILLIAM M., Portland, General Sciences.
OVERTON, YEARL H., Lakeview, Mathematics.
ROGERS, JAMES V., Portland, Mathematics.
STAPLETON, CHRISTOPHER, Portland, General Sciences.

PENNSYLVANIA

Graduate

ADLER, RONALD J., Pittsburgh, Physics.
ANDERSON, ANSEL C., North Warren, Physics.
ANDERSON, JAMES B., State College, Engineering.
BARR, MICHAEL, Drexel Hill, Mathematics.
BEALS, RICHARD W., Erie, Mathematics.
BERMON, STUART, Philadelphia, Physics.
BOOK, DAVID L., Norristown, Physics.
BRAINERD, WILLIAM R., Newtown Square, Physics.
BRAUMAN, JOHN I., Pittsburgh, Chemistry.
BRODSKY, ALAN R., Philadelphia, Mathematics.
CARROLL, CLARK E., Pittsburgh, Physics.
CHILTON, WILLIAM S., Lansdowne, Chemistry.
DAVIES, KENNETH T., Pittsburgh, Physics.
DOLUISIO, JAMES T., Bethlehem, Chemistry.
EARLE, CLIFFORD J., Jr., Abington, Mathematics.
FENSELAU, ALLAN H., Norristown, Biochemistry.
FETTER, ALEXANDER L., Philadelphia, Physics.
FLIEGEL, HENRY F., Havertown, Astronomy.
FRASER, MALCOLM D., Pittsburgh, Engineering.
GEISSINGER, LADNOR D., Zionsville, Mathematics.
GRAY, DONALD M., Milton, Biophysics.
GREAVES, JAMES R., Pittsburgh, Physics.
GREEN, JOHN P., Jr., Philadelphia, Engineering.
GROOM, DONALD E., Turtle Creek, Physics.
HALLIDAY, ROBERT P., Pittsburgh, Medical Sciences.
HARTENBAUM, BRUCE, Philadelphia, Engineering.
HARTSHORNE, ROBERT C., Pittsburgh, Mathematics.
HOROWITZ, DANIEL H., State College, Earth Sciences.
HOUGHTON, DAVID D., Media, Earth Sciences.
HUDOCK, GEORGE A., Norristown, Genetics.
HUGUENIN, GEORGE R., Buck Hill Falls, Astronomy.
HUNT, RICHARD L., Doylestown, Chemistry.
INFANGER, ST. ANN M., Greensburg, Genetics.

JOHNS, LEWIS E., Jr., Pittsburgh, Engineering.
JOSEPH, PETER M., Chester, Physics.
KAUFFMAN, JOEL M., Huntingdon Valley, Chemistry.
KAUFMANN, HARRY, Clifton Heights, Psychology.
KEVLES, DANIEL J., Philadelphia, Social Sciences.
KRALL, ALLAN M., State College, Mathematics.
LAISON, GARY B., Philadelphia, Mathematics.
LARKIN, FRANCIS P., Middletown, Mathematics.
LEITH, JOHN D., Jr., Bethlehem, Zoology.
LEWIS, RONALD M., State College, Earth Sciences.
LUDWIG, OLIVER G., Philadelphia, Chemistry.
MANDELBAUM, ELI M., Philadelphia, Mathematics.
MCNUTT, DOUGLAS P., Philadelphia, Physics.
MITCHEL, BARRY J., Pittsburgh, Engineering.
MITRONOVAS, WALTER, Erie, Earth Sciences.
MORAN, PAUL R., Coudersport, Physics.
MOYER, ROBERT D., Allentown, Mathematics.
NOBLE, ROBERT W., Jr., Ardmore, Biochemistry.
OSTERHOLTZ, FREDERICK D., Drexel Hill, Chemistry.
PHILIPS, THOMAS O., Lansdowne, Physics.
PUSEY, WALTER C. III, Springfield, Earth Sciences.
RICE, ALAN W., Bridgeville, Engineering.
ROSENBERG, RONALD C., Philadelphia, Engineering.
RYSZ, WALTER R., Old Forge, Chemistry.
SCHICK, WILLIAM C., Jr., Pittsburgh, Physics.
SCHNABEL, GEORGE A., Ambler Post Office, Engineering.
SEIDERS, VICTOR M., York, Earth Sciences.
SEKERKA, ROBERT F., Pittsburgh, Physics.
SHABAKER, ROBERT H., Media, Engineering.
SHAFFER, RUSSELL A., Philadelphia, Physics.
SHANAHAN, PATRICIA A., Bethel Park, Psychology.
SHORT, JAMES J., Philadelphia, Social Sciences.
SMITH, ALLAN L., Jenkintown, Chemistry.
SQUIRES, ROBERT G., Ambridge, Engineering.
STENING, RAE F., Pittsburgh, Physics.
STONER, JOHN O., Berlin, Physics.
SUNA, ANDRIS, Broomall, Physics.
TELLER, DAVID C., Wilkes-Barre, Biology.
THORINGTON, RICHARD W., Wynnewood, Biology.
TRAHANOVSKY, WALTER S., Conemaugh, Chemistry.
TRUEMAN, THOMAS L., Media, Physics.
WEISS, CHARLES, Jr., Philadelphia, Biochemistry.
WHINSTON, ANDREW B., Pittsburgh, Social Sciences.
WILLIAMS, DEBORAH C., Moylan, Zoology.
WILMOT, WILLIAM H. II, Pittsburgh, Chemistry.
WOLL, EDWIN J., Jr., Pittsburgh, Physics.
WOOD, DON J., Corry, Engineering.
WRIGHT, ARTHUR W., Broomall, Social Sciences.
YOST, PATRICIA A., Sugarloaf, Psychology.
YOUNG, FREDERICK D., Marianna, Engineering.
ZARTMAN, ROBERT E., Lititz, Earth Sciences.

PENNSYLVANIA—Continued

Cooperative Graduate

AARON, RONALD, Philadelphia, Physics.
 ANGSTADT, CAROL N., Ardmore, Biochemistry.
 BARRETT, JOSEPH J., Scranton, Physics.
 BATCHELLOB, ROBERT W., Glenside, Chemistry.
 BEAN, RALPH J., Pittsburgh, Mathematics.
 BETZ, JOHN V., Bala-Cynwyd, Microbiology.
 BLUM, ROBERT A., Wynnewood, Engineering.
 BROGAN, MARIANNE C., Jim Thorpe, Chemistry.
 BURRAS, FAY B., York, Mathematics.
 CAMPBELL, MARY K., Havertown, Chemistry.
 CAREY, FRANCIS A., Philadelphia, Chemistry.
 CARMAN, ROBERT A., Pittsburgh, Psychology.
 CAWLEY, ROBERT G., Dunmore, Physics.
 CRAVER, GLENN P., Barnesboro, Chemistry.
 CRISTOFALO, VINCENT J., Philadelphia, Zoology.
 DARDENNE, WALTER H., Jenkintown, Engineering.
 DEYRUP, JAMES A., West Chester, Chemistry.
 DIENER, DAVID A., West Reading, Engineering.
 DORNSEIFER, THEODORE P., Huntingdon Valley, Biochemistry.
 DURKO, MICHAEL P., State College, Mathematics.
 FERNELIUS, NILS C., State College, Physics.
 FISCH, FRED J., Bethlehem, Engineering.
 FLEMING, GORDON N., Philadelphia, Physics.
 FONDY, THOMAS P., Pittsburgh, Biochemistry.
 FRIED, IRVING M., Philadelphia, Chemistry.
 FRIEDMAN, GILBERT H., State College, Engineering.
 GALLAGHER, WILLIAM P., Pittsburgh, Chemistry.
 GOLDMAN, AARON S., Red Lion, Mathematics.
 GREEN, MELVIN H., Pittsburgh, Biochemistry.
 GREENLEAF, FREDERICK P., Allentown, Mathematics.
 GRINAWAX, GEORGE, Shamokin, Biochemistry.
 HARMAN, GILBERT H., Philadelphia, Social Sciences.
 HARRISON, PAUL C., Jr., Montrose, Psychology.
 HAY, JAMES E., Pittsburgh, Physics.
 HAYWEISER, LOIS J., Pittsburgh, Psychology.
 HEINDEL, NED D., Red Lion, Chemistry.
 HENNRICH, CARL W., Havertown, Engineering.
 HILL, DAVID G., Tarentum, Physics.
 HORSTMAN, CLIFFORD C., Jr., Sharpsville, Engineering.
 HOYLAND, JAMES R., Pittsburgh, Chemistry.
 IBANEZ, MANUEL L., University Park, Microbiology.
 IFFT, EDWARD M., Butler, Physics.
 KAFRISSEN, EDWARD, Philadelphia, Engineering.
 KAPLAN, RICHARD E., Upper Darby, Engineering.
 KORSH, JAMES F., Upper Darby, Engineering.
 LANDY, RICHARD A., State College, Earth Sciences.
 LEBOW, PHOEBE S., Bryn Mawr, Biochemistry.
 LONG, MORGAN A., Sugarloaf, Mathematics.
 MALINAUSKAS, ANTHONY P., Ashley, Chemistry.
 MARIK, ROBERT H., Pittsburgh, Engineering.
 MASTASCUSA, EDWARD J., Pittsburgh, Engineering.

MAYER, RAYMOND A., Jr., Philadelphia, Mathematics.
 MICHEL, GERTRUDE M., Radnor, Zoology.
 MILLER, MELVYN H., Philadelphia, Engineering.
 MORRIS, CLIFTON, Fredericktown, Botany.
 MUDD, SAMUEL A., Gettysburg, Psychology.
 NILER, PEARN P., Fombell, Engineering.
 NYSTROM, WILLIAM A., Emporium, Engineering.
 PACHMAN, JERROLD M., State College, Earth Sciences.
 PERRIN, CHARLES L., Pittsburgh, Chemistry.
 PIERCE, RUSSELL D., Homer City, Physics.
 POWIDSKI, MARCIA J., Reading, Chemistry.
 RANCK, JOHN P., St. Thomas, Chemistry.
 REINSE, THOMAS A., Philadelphia, Social Sciences.
 RICHMAN, FRED, Philadelphia, Mathematics.
 RIPSOM, GEORGE A., Weatherly, Engineering.
 ROVNYAK, JAMES L., Ford City, Mathematics.
 SCHELL, KERRY F., Pine Grove Mill, Agriculture.
 SCHULTZ, ALBERT B., Philadelphia, Engineering.
 SEYLER, RICHARD G., Dubois, Physics.
 SHERWOOD W. CULLEN, Bethlehem, Earth Sciences.
 SKEATH, JAMES E., Williamsport, Mathematics.
 SLATER, JOHN G., Stoneboro, Social Sciences.
 SWEET, EDWARD E., Jr., Pittsburgh, Genetics.
 TABAK, MARK D., Wyncote, Engineering.
 TAYLOR, BARRY N., Philadelphia, Physics.
 TEMIN, PETER, Philadelphia, Social Sciences.
 TIETJEN, JAMES J., State College, Engineering.
 TORRENCE, ROBERT J., Pittsburgh, Physics.
 WAGNER, ROBERT G., Johnstown, Engineering.
 WANER, JAMES F., Philadelphia, Astronomy.
 WARDEN, ROBERT B., Swarthmore, Engineering.
 WILLIAMS, JOHN E., Clarion, Zoology.
 WINTER, WILLIAM H., Drexel Hill, Engineering.

Postdoctoral

BLACK, SAMUEL H., Hershey, Microbiology.
 FAITH, CARL C., University Park, Mathematics.
 GRIM, SAMUEL O., Dallastown, Chemistry.
 HARE, CURTIS R., Clifton Heights, Chemistry.
 JONES, RICHARD H., Ridley Park, Mathematics.
 MCFADDEN, JAMES T., State College, Zoology.
 VON, FRANKENBERG CARL A., Philadelphia, Chemistry.

Senior Postdoctoral

TUTTLE, O. FRANK, University Park, Earth Sciences.

Science Faculty

BORTREE, ALFRED L., University Park, Agriculture.
 DEMOTT, HOWARD E., Selinsgrove, Botany.
 FABIAN, MICHAEL W., Beaver Falls, Zoology.
 FULTON, PAUL F., Pittsburgh, Engineering.
 HEIMER, RALPH T., University Park, Mathematics.
 JACOBS, ALAN M., University Park, Physics.
 LEMONICK, AARON, Haverford, Physics.

LESTZ, SAMUEL S., University Park, Engineering.
 MANGELSDORF, CLARK P., Swarthmore, Engineering.
 MCLENNAN, JAMES A., Jr., Bethlehem, Physics.
 MOORE, JOSEPH H., University Park, Engineering.
 MOTT, THOMAS E., University Park, Mathematics.
 POLAK, EMIL J., Lewisburg, Astronomy.
 PRAGER, PHILIP C., Swarthmore, Engineering.
 SMITH, MANNING A., Lewisburg, Chemistry.
 SNYDER, ROBERT D., Lancaster, Mathematics.
 STAVSETH, RICHARD M., Philadelphia, Physics.
 TOBIN, THOMAS V., Wilkes-Barre, Biology.
 WALTER, ROBERT I., Haverford, Chemistry.
 WESTERN, DONALD W., Lancaster, Mathematics.
 WISNER, ROBERT J., Haverford, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

BACHMAN, JERALD G., Philadelphia, Psychology.
 BRIMHALL, JAMES E., Pittsburgh, Physics.
 BROGAN, MARIANNE C., Jim Thorpe, Chemistry.
 CHARLESWORTH, LLOYD J., Allentown, Earth Sciences.
 COLEBOB, CAROLE J., Pittsburgh, Mathematics.
 DEPUE, ROBERT H., Jr., Swarthmore, Microbiology.
 DERSARKISSIAN, MICHAEL, State College, Physics.
 DETIO, ROBERT H., Pittsburgh, Engineering.
 DIEFENDERFER, ALFRED J., North Braddock, Chemistry.
 DIMEO, FRANK N., Philadelphia, Engineering.
 DUNCAN, ROBERT L., Bellefonte, Mathematics.
 FORSMAN, WILLIAM C., Lansdowne, Chemistry.
 GORDON, ALBERT M., New Brighton, Physics.
 GRIFFIN, RODGER W., Jr., Verona, Chemistry.
 GRIM, SAMUEL O., Dallastown, Chemistry.
 GUBER, ALBERT L., Bridgeville, Earth Sciences.
 HAGER, ROBERT B., Huntingdon Valley, Chemistry.
 HARRISON, PAUL C., Jr., Montrose, Psychology.
 HOROWITZ, DANIEL H., State College, Earth Sciences.
 JENNINGS, STEPHEN O., Allison Park, Engineering.
 KELLER, GEORGE E., II, State College, Engineering.
 LONEY, LAURA L., Havertown, Chemistry.
 MALINAUSKAS, Anthony P., Ashley, Chemistry.
 MATSEN, JOHN M., Lincoln University, Engineering.
 MAY, JON R., Bainbridge, Medical Sciences.
 MEIER, JOSEPH F., Sharon, Chemistry.
 MILLER, HARVEY I., Philadelphia, Medical Sciences.
 MORRIS, JOHN R., II, Harrisburg, Chemistry.
 MOTT, THOMAS E., Bellefonte, Mathematics.
 NICHOLAS, ROBERT D., Reading, Chemistry.
 OPLINGER, CARL S., Walnutport, Zoology.
 REBER, LARRY H., Pittsburgh, Physics.

SENNETT, ROBERT E., Lansdowne, Engineering.
 SJOBERG, BERNARD M., Jr., McKeesport, Psychology.
 SWEET, EDWARD E., Jr., Pittsburgh, Genetics.
 TORRENCE, ROBERT J., Pittsburgh, Physics.
 VON FRANKENBERG, CARL A., Philadelphia, Chemistry.
 WELSH, ROBERT E., Pittsburgh, Physics.
 WIER, KAREN E., Bryn Mawr, Earth Sciences.
 WITOWSKI, JOHN J., Olyphant, Microbiology.
 WUNDERLICH, FRANCIS J., Narberth, Chemistry.

Summer Fellowships for Secondary School Teachers

ACKERMAN, Sr. M. ALICE I., Philadelphia, Biology.
 AMMERMAN, EDWARD G., Philipsburg, General Sciences.
 ANSELMO, SHIRLEY M., New Castle, Biology.
 ARTHUR, ROBERT S., Pittsburgh, Mathematics.
 ATTY, ALEX G., Windber, General Sciences.
 BEAM, Sr. M. ALBIXNE, Pittsburgh, Biology.
 BENDER, EARL ARTHUR, Slatington, Biology.
 BONNER, Sr. M. CATHERINE, Philadelphia, General Sciences.
 CALLANAN, MO. DOLORES M., Philadelphia, Mathematics.
 DEMITRAS, BRO. GREGORY C., Philadelphia, Chemistry.
 DOTTERER, STANLEY S., Elizabethtown, Mathematics.
 DOUBET, M. MARK, Sr., Erie, Mathematics.
 EVANS, EDWARD WILLIAM, West Lawn, Mathematics.
 HERMAN, RICHARD P., Hatboro, Mathematics.
 HOUGH, RAYMOND EARLE, Monongahela, Mathematics.
 JONES, DOROTHY LOIS, St. College, Mathematics.
 KEISER, RICHARD L., Jim Thorpe, Mathematics.
 KNOCK, Sr. MARTIN DE. P., Altoona, Biology.
 KUHN, RALPH EDWARD, Emmaus, Mathematics.
 LATHAM, WILLIAM S., Philadelphia, Biology.
 MALESKEY, PAUL E., Allentown, Chemistry.
 MAMARY, ALBERT, Shillington, Mathematics.
 MARKLEY, FRED ALLEN, Shippensburg, General Sciences.
 MCLAUGHLIN, JANE ANN, Harrisburg, Mathematics.
 MOYER, STUART F., York, Mathematics.
 PATTERSON, Bro. D. STEPHEN, Pittsburgh, Mathematics.
 PETRARCA, Sr. M. JEAN, Greensburg, Mathematics.
 SAUKAITIS, Sr. M. P., Corapolis, Zoology.
 SCHILLINGER, Sr. M. J., Pittsburgh, Biology.
 SCHRODER, KENNETH E., Geo. School, Zoology.
 SHARKAN, WILLIAM W., Allentown, Chemistry.
 SNELL, JANIS ROSE, York, Mathematics.
 SPILLANE, DANIEL PAUL, Pittsburgh, Mathematics.
 TATE, GLADYS, Erie, Mathematics.
 WEISS, Sr. M. OLIVETTE, Lancaster, General Sciences.
 ZICCARDI, VINCENT, New Hope, Biology.
 ZIMMERMAN, PATRICIA V., Elkins Park, Mathematics.

RHODE ISLAND

Graduate

- ALMGREN, FREDERICK J., Jr., Providence, Mathematics.
BRAUDET, ROBERT A., Woonsocket, Chemistry.
DUCKETT, STEVEN W., Providence, Physics.
FINE, ARTHUR D., Providence, Mathematics.
NAVAS, JUDITH I., Riverside, Botany.
PIKE, ARTHUR C., Warwick, Earth Sciences.

Cooperative Graduate

- BROCHU, RONALD L., Narragansett, Engineering.
CRETELLA, JOHN P., Providence, Engineering.
MOORHOUSE, ARNOLD S., Westerly, Agriculture.
SALTZMAN, RICHARD M., Providence, Engineering.
SCARBEL, MARCEL P., Providence, Engineering.

Senior Postdoctoral

- BUCHSBAUM, DAVID A., Providence, Mathematics.

Science Faculty

- KLINE, JACOB, Kingston, Engineering.
NACCI, VITO A., Kingston, Engineering.

Summer Fellowships for Graduate Teaching Assistants

- ALMGREN, FREDERICK J., Jr., Providence, Mathematics.
CAPOSTOTO, AUGUSTINE, Jr., Cranston, Chemistry.
DIPIPPO, ASCANIO G., Providence, Chemistry.
SHERMAN, EDWARD O., Jr., North Providence, Chemistry.

Summer Fellowships for Secondary School Teachers

- SCHUMANN, MO. VIRGINIA M., Providence, Mathematics.
WALSH, Sr. M. TERENCE, Riverside, Mathematics.

SOUTH CAROLINA

Graduate

- ARRINGTON, CHARLES A., Jr., Clemson, Chemistry.
COLEMAN, EDMUND B., Jr., Abbeville, Psychology.
CONNOR, LAURENCE N., Jr., Barnwell, Engineering.
PERKINS, HAROLYN KING, Marion, Chemistry.
PYRON, RAYMOND S., Taylors, Chemistry.

Cooperative Graduate

- BARTON, KENNETH R., Spartanburg, Chemistry.
BOWERS, KERRY W., Columbia, Chemistry.
FOLEY, JOHN M., Anderson, Psychology.
GETTYS, WILLIAM E., Union, Physics.
HASKELL, PETER L., West Columbia, Engineering.
JONES, EDWIN R., Jr., Dillon, Physics.
KELLETT, JAMES C., Jr., Spartanburg, Chemistry.
OVERBECK, JAMES W., Aiken, Physics.
OVERTON, JAMES R., Columbia, Chemistry.
RUGHEIMER, JOHN H., Charleston, Physics.
STANLEY, WILLIAM D., Columbia, Engineering.

STRICKLAND, ERASMUS H., Columbia, Biophysics.

WENGROW, HENRY R., Columbia, Engineering.

WHITE, HAROLD M., Clemson, Chemistry.

Science Faculty

- KING, DONALD A., Clemson, Mathematics.
NOLAND, J. HUBERT, Jr., Columbia, Engineering.
SNELL, ABSALOM W., Clemson, Engineering.

Summer Fellowships for Graduate Teaching Assistants

- BARTON, KENNETH R., Spartanburg, Chemistry.
CATHEY, WADE T., Jr., Campobello, Engineering.
DREHER, THAD W., Jr., Columbia, Engineering.
FARMER, LARRY B., Travelers Rest, Chemistry.
PARNELL, JAMES F., Timmonsville, Zoology.
TILLER, WILLIAM E., Anderson, Physics.

Summer Fellowships for Secondary School Teachers

- JENKINS, FAYE E., Anderson, Mathematics.
KURTZ, MARGARET G., Columbia, Mathematics.

SOUTH DAKOTA

Graduate

- BUSWELL, LINDA M., Aberdeen, Psychology.
HURWITZ, CHARLES E., Sioux Falls, Engineering.
KRETSINGER, ROBERT H., Pickstown, Medical Sciences.
MINEHART, RALPH C., Mitchell, Physics.
RASMUSSEN, GARY H., Clark, Chemistry.
RAYMOND, LEE R., Watertown, Engineering.

Cooperative Graduate

- BENSON, ROBERT H., Vermillion, Mathematics.
FISCHBACH, THOMAS J., Rapid City, Social Sciences.
FULLER, ALBERT W., Madison, Mathematics.
JOHNSON, PATRICIA E., Raymond, Mathematics.
NELSON, ALLAN D., Dallas, Mathematics.
PIERCE, ROBERT L., Huron, Mathematics.
RAPP, DELVIN G., Brookings, Engineering.

Science Faculty

- ALLUM, MARVIN O., Vermillion, Zoology.
DORNBUSH, JAMES N., Vermillion, Engineering.
SHAW, ROSS F., Wessington Springs, Zoology.

Summer Fellowships for Graduate Teaching Assistants

- DUGLE, DAVID L., Vermillion, Chemistry.
FANSLAW, DONALD J., Yankton, Zoology.
MATSON, ARTHUR J., Hetland, Social Sciences.
MYERS, GERALD A., Brookings, Botany.
ROBINSON, THOMAS A., Hot Springs, Chemistry.

Summer Fellowships for Secondary School Teachers

- CONKLIN, AUGUST, Aberdeen, Biology.
CONWAY, JOHN V., Yankton, Mathematics.
HILLS, CARROLL L., Mitchell, Biochemistry.

TENNESSEE

Graduate

BACH, GALE R., Gatlinburg, Physics.
BANKS, THOMAS H., Nashville, Earth Sciences.
BLOOMER, JAMES L., Knoxville, Chemistry.
CAMPBELL, ALPHEUS N., Martin, Biochemistry.
CARMICHAEL, HALBERT H., Oak Ridge, Chemistry.
DIETRICH, FRANK S., Memphis, Physics.
GOTTO, ANTONIO M., Jr., Nashville, Biochemistry.
HINTON, DON B., Savannah, Mathematics.
KLOW, JANET S., Memphis, Biochemistry.
MCCALL, JOHN T., Jr., Nashville, Mathematics.
MCCALLUM, CHARLES E., Memphis, Mathematics.
RITTENBERG, ALAN, Nashville, Physics.
THOMPSON, JAMES R., Memphis, Mathematics.

Cooperative Graduate

BEAUCHAMP, NICHOLAS A., Nashville, Physics.
BURT, PHILIP B., Memphis, Physics.
DORMAN, ED S., Memphis, Physics.
HAMM, ROBERT N., Ramer, Physics.
HEIMBERG, LAURA K., Nashville, Psychology.
JENSEN, DONALD R., Goodlettsville, Agriculture.
JOHNSON, JOSEPH A. III, Nashville, Physics.
KERCE, ROBERT H., Nashville, Mathematics.
KOEN, FRANK M., Nashville, Psychology.
MCCLURE, JOSEPH A., Jr., Nashville, Physics.
MCDANIEL, WILLIAM L., Jefferson City, Social Sciences.
RADER, CHARLES P., Knoxville, Chemistry.
SMITH, ALPHONSO L., Memphis, Mathematics.
TERRY, CLAUDE E., Jr., Cleveland, Genetics.
TODD, AARON W., Murphreesboro, Chemistry.
WALLER, JOHN W., Johnson City, Engineering.
WOODY, CHARLES O., Jr., Somerville, Agriculture.

Postdoctoral

COOK, CLARENCE E., Jefferson City, Chemistry.

Senior Postdoctoral

LINDSEY, DAN L., Oak Ridge, Genetics.
SCHWARTZ, DREW, Oak Ridge, Genetics.
SMITH, LAWTON H., Oak Ridge, Zoology.
THOMAS, DAVID G., Oak Ridge, Engineering.

Science Faculty

BOND, LORA, Knoxville, Biology.
GEORGE, TED M., Murray, Physics.
JOHNSON, CARROLL D., Memphis, Engineering.
KRUPP, BRO. ROBERT H., Memphis, Physics.
RAWLS, JOHN M., Clarksville, Medical Sciences.
THIGPEN, CHARLES C., Knoxville, Mathematics.
WILSON, ROBERT L., Chattanooga, Earth Sciences.

Summer Fellowships for Graduate Teaching Assistants

DOWNING, ROLAND G., Nashville, Chemistry.
GINTER, DOROTHY E. S., Nashville, Chemistry.
HARRIS, ROY H., Nashville, Medical Sciences.

NORRIS, DANIEL H., Knoxville, Botany.
PURCELL, WILLIAM P., Memphis, Chemistry.
SUTHERLAND, IAN D. W., Jefferson City, Zoology.

Summer Fellowships for Secondary School Teachers

FORTUNE, JIMMIE C., Bartlett, Mathematics.
SWEITZER, MAURINE W., Maryville, Biology.
TOBRNCE, MARTHA W., Antioch, Mathematics.

TEXAS

Graduate

ANDERSON, JOHN E., Austin, Engineering.
BARBIN, ALLEN R., Beaumont, Engineering.
BARNES, VIROIL E. II, Austin, Physics.
BECHTEL, NORBERT G., Jr., Groves, Engineering.
BERKMAN, MARTIN R., Dallas, Engineering.
BEYERS, ROBERT J., Austin, Zoology.
BOTT, JERRY F., Tyler, Engineering.
CLARK, BARRY G., Canyon, Astronomy.
COLLIER, ROBERT J., Fort Worth, Microbiology.
COLLINS, FRANCIS A., Austin, Physics.
DAHM, DAVID M., Dallas, Mathematics.
DOLGOFF, ABRAHAM, Houston, Earth Sciences.
DORROH, JAMES R., Kingsville, Mathematics.
DOUGHARTY, NEIL A., Jasper, Engineering.
DREWRY, GEORGE E., Austin, Zoology.
GRABNER, SANDY, Pharr, Mathematics.
GROSS, MEREDITH G., Jr., Amarillo, Earth Sciences.
HALE, LEONARD A., Lubbock, Engineering.
HANES, HAROLD B., Jr., Fort Worth, Mathematics.
HYDER, MONTE L., Rockdale, Chemistry.
JAMES, ROBERT L., El Paso, Engineering.
JOHNSON, CLAIBORNE H., Jr., Dallas, Mathematics.
JONES, BENJAMIN F., Houston, Mathematics.
MANUEL, THOMAS A., Austin, Chemistry.
MOORE, EDWIN N., Dallas, Physics.
MOORE, ROBERT E., Austin, Zoology.
MYERS, RALPH L. II, Wichita Falls, Earth Sciences.
NISBET, ALEX R., San Angelo, Chemistry.
RANDOL, BURTON S., San Antonio, Mathematics.
SIMMONS, MARVIN G., Carrollton, Earth Sciences.
STOVER, HARRY L., Dallas, Physics.
STUBBLEFIELD, TRAVIS E., Denton, Medical Sciences.
VAN AUKEN, THOMAS V., Alpine, Chemistry.
WILEY, FREDERICK G., Garland, Chemistry.
WILSON, ROBERT W., Houston, Astronomy.
WISDOM, NORVELL E., Jr., Crane, Chemistry.

Cooperative Graduate

ABLES, PAULA R., Dublin, Biochemistry.
AMES, WILLIAM A., Longview, Chemistry.
BAGBY, ROLAND M., Texas City, Medical Sciences.
BARLOW, CARL A., Jr., San Antonio, Physics.
BOEHME, HOLLIS C., Mabank, Physics.
BROWN, JUDITH C., Bryan, Chemistry.
CHESNUT, DWAYNE A., Houston, Chemistry.
COLLINS, CARL B., Jr., San Antonio, Physics.
COOPER, JOHN N., San Antonio, Chemistry.
CRAMER, JOHN G., Jr., Houston, Physics.
CUEBRINGTON, AARON M., Bryan, Engineering.
CYPRUS, JOEL H., Houston, Engineering.

TEXAS—Continued

DABBY, RONALD, Dallas, Engineering.
 DAVENPORT, MONTY, E., Lubbock, Engineering.
 ELLISON, TOMMY R., Dallas, Chemistry.
 FINCH, RAY N., Bay City, Engineering.
 FORT, JAMES G., San Antonio, Physics.
 FRITZ, ROSE M. Mc., Houston, Chemistry.
 GOLDSBERRY, TOMMY G., Jacksonville, Mathematics.
 HAASE, DONALD J., Nixon, Engineering.
 HARVEY, JERRY B., Austin, Psychology.
 HASTY, ROBERT A. II, Dallas, Chemistry.
 HOLDEN, MARETTA P., San Antonio, Chemistry.
 KIMBALL, AUBREY P., Houston, Biochemistry.
 LADNER, SIDNEY J., Houston, Chemistry.
 LEB, WILLIAM J., Sweetwater, Engineering.
 LYTTON, ROBERT L., San Antonio, Engineering.
 MCGUIRE, MICHAEL L., College Station, Chemistry.
 MOTT, DAVID L., El Paso, Physics.
 OTTMERS, DELBERT M., San Marcos, Engineering.
 PERRY, PATRICIA L., Corpus Christi, Psychology.
 QUADE, CHARLES R., Dallas, Physics.
 REYNA, EDDIE, Bryan, Physics.
 REYNOLDS, TOM D., Austin, Engineering.
 RICHARDSON, RICHARD H., Mexia, Agriculture.
 RUCHELMAN, MARYON W., Bellaire, Chemistry.
 RUNNELS, LYNN K., Houston, Chemistry.
 SALZMAN, PAUL K., Austin, Engineering.
 TOMBELLO, THOMAS A., Dallas, Physics.
 TUCKER, RICHARD L., Hereford, Engineering.
 WILLIAMS, MARTHA S., Austin, Psychology.
 ZUMWALT, ROBERT E., Hallettsville, Engineering.

Postdoctoral

OSBORNE, WEYMAR Z., Pampa, Physics.
 VANDUZER, THEODORE, Corpus Christi, Engineering.

Senior Postdoctoral

ADAMS, JOHN A. S., Houston, Earth Sciences.
 RIGGS, AUSTEN F. II, Austin, Biochemistry.

Science Faculty

ALBRITTON, OSCAR W., College Station, Engineering.
 BARTEL, HERBERT H., Jr., Dallas, Engineering.
 EADS, EWIN A., Beaumont, Chemistry.
 EPPES, BILL G., Austin, Engineering.
 HARMON, GERALD S., College Station, Physics.
 MARMION, KEITH R., Lubbock, Engineering.
 MASCH, FRANK D., Jr., San Antonio, Engineering.
 MORELAND, ROBERT A., Jr., Lubbock, Mathematics.
 POLLARD, JAMES J., Austin, Engineering.
 SYBERT, JIM R., Denton, Physics.
 WESTBURY, JOHN E., Houston, Mathematics.
 WOOD, JOHN W., Lubbock, Earth Sciences.

Summer Fellowships for Graduate Teaching Assistants

ATCHISON, THOMAS A., Richland Spring, Mathematics.
 AVERITT, ROBERT T., Austin, Social Sciences.
 COFFMAN, JOHN E., Nederland, Engineering.
 CRAM, IRA H., Jr., Houston, Earth Sciences.
 DALTON, CHARLES, Pasadena, Engineering.

FRANKENY, JULIUS L., Houston, Engineering.
 HOPKINS, OTHO N., Jr., Waco, Earth Sciences.
 HUBBARD, WILLIAM M., Houston, Physics.
 MCCRADY, WILLIAM B., Forrester, Genetics.
 NESBITT, LYLE E., Lubbock, Chemistry.
 PERRYMAN, JOHN K., Austin, Mathematics.
 POZZI, ANTHONY L., Jr., Victoria, Engineering.
 RAMSEY, JERRY D., College Station, Engineering.
 STEPHENSON, ROBERT W., Austin, Engineering.
 WHITE, JOHN T., Austin, Mathematics.
 WILHELM, PAUL E., Austin, Engineering.
 YOBS, M. G. Jr., Waco, Social Sciences.

Summer Fellowships for Secondary School Teachers

ALLEN, Sr. M. BOSCO, Wichita Falls, Mathematics.
 BALL, FRED, Jr., San Antonio, Mathematics.
 BENNETT, NORMAN J., Sherman, Mathematics.
 BREHONY, Sr. M. CATHERINE, Corpus Christi, Mathematics.
 CONTRERAS, JOE, Falfurrias, Mathematics.
 DAUNIS, GERALDINE, Fort Worth, Mathematics.
 GIBBS, SARAH M., Houston, Mathematics.
 HAVERY, Sr. VINCENT, Bellaire, Mathematics.
 HERNANDEZ, MATILDE L., Corpus Christi, Mathematics.
 HUDMAN, JOHN T., Beeville, Physics.
 LUCAS, BENNY WAYNE, Seminole, Mathematics.
 MAHAN, EARL RAPHAEL, El Paso, Mathematics.
 MATTHEWS, WILMOTH C., El Paso, Chemistry.
 MINNER, Sr. JEANNE, Corpus Christi, Biology.
 OREAR, NOLAN LARRY, Alice, Mathematics.
 SANSOM, IRA R., Kerrville, Mathematics.
 SCHULZ, HERBERT W., Waller, General Sciences.
 TITUS, Bro. GILBERT R., San Antonio, General Sciences.
 WALKER, SHERRELL G., Gladewater, Mathematics.

UTAH**Graduate**

BERGESON, HAVEN E., Salt Lake City, Physics.
 BREWER, JOHN M., Salt Lake City, Biochemistry.
 EVERETT, GLEN E., St. George, Physics.
 FOOTE, ARIEL, Moab, Chemistry.
 GILES, EUGENE, Salt Lake City, Anthropology.
 IVIE, EVAN L., Ogden, Engineering.
 LAWRENCE, GEORGE M., SALT LAKE CITY, Physics.
 MORTIMER, ROBERT G., Logan, Chemistry.
 RUNNELS, DONALD D., Salt Lake City, Earth Sciences.
 TOLMAN, CHADWICK, A., Salt Lake City, Chemistry.

Cooperative Graduate

ALLEN, ROBERT L., Ogden, Engineering.
 ANDERSEN, TERRELL N., Salt Lake City, Chemistry.

BOYACK, JAMES R., Salt Lake City, Chemistry.
BRYNER, JOHN C., Salt Lake City, Physics.
HEMPFL, JOHN P., Salt Lake City, Mathematics.
JOHNSON, OWEN W., Salt Lake City, Physics.
PETERSON, ELLIS R., Ephraim, Chemistry.
WAGNER, RICHARD L., Jr., Salt Lake City, Physics.
WOODBURY, ELROD T., Monroe, Engineering.

Postdoctoral

JOHNSON, HOLLIS R., Garland, Astronomy.

Senior Postdoctoral

VERNON, LEO P., Provo, Biochemistry.

Science Faculty

HANSEN, AFTON M., Ephraim, Zoology.

Summer Fellowships for Graduate Teaching Assistants

ALBRECHTSEN, RULON S., Emery, Genetics.
BEST, MYRON G., Salt Lake City, Earth Sciences.
BRYNER, JOHN C., Salt Lake City, Physics.
LAMBERT, VIRGINIA M., Roosevelt, Social Sciences.
MOYLE, RICHARD W., American Fork, Earth Sciences.
MUSSEY, ROSEMOND, J., Salt Lake City, Zoology.
SMITH, KAY H., Provo., Psychology.
TEERLINK, WILFORD J., Salt Lake City, Chemistry.
WAGNER, RICHARD L., Jr., Salt Lake City, Physics.

Summer Fellowships for Secondary School Teachers

KING, A. LAVELL, Orem, Zoology.

VERMONT

Graduate

GUILMETTE, LEE M., Richford, Mathematics.

Cooperative Graduate

CARPENTER, JAMES E., Springfield, Engineering.
GIBBS, GERALD V., Windsor, Earth Sciences.
SARGENT, GEORGE D., Barre, Chemistry.

Postdoctoral

ABRAHAM, RALPH H., Burlington, Mathematics.

Science Faculty

WEBB, MARTIN L., Northfield, Engineering.

VIRGINIA

Graduate

ADAMS, JOHN B., Charlottesville, Physics.
ADLBERGER, ERIC G., Arlington, Physics.
BARKER, ROBERT G., Charlottesville, Mathematics.
CHILTON, FRANK M., Jr., Arlington, Physics.
DOUGHTY, WILLIAM C., Willis Wharf, Physics.
EVERAGE, THOMAS B., Big Stone Gap, Engineering.
GARRICK, MICHAEL D., Hampton, Biochemistry.
GRAY, FRANCES E., Richmond, Chemistry.
HALEY, JOSEPH A., Ashland, Mathematics.
HARTMAN, RICHARD L., Norfolk, Physics.

LOUTZENHEISER, CARL B., Arlington, Engineering.

MONTGOMERY, CHARLES G., Hollins College, Physics.

MURRAY, JOSEPH J., Jr., Lexington, Genetics.
O'BRIEN, WALTER F., Jr., Roanoke, Engineering.

RENNINGS, GEORGE H., Fredericksburg, Physics.

STEPHENS, STEPHEN V., Falls Church, Physics.

Cooperative Graduate

BAIRD, HUGH R., Christiansburg, Medical Sciences.

BAKER, THOMAS N., III, Petersburg, Chemistry.

BARNARD, MARLENE B., Richmond, Chemistry.
BECKER, PHILIP M., Falls Church, Engineering.

DAVIS, HAWTHORNE A., Quinton, Physics.
GIBERT, ANNE J., Falls Church, Zoology.

GIBSON, ROBERT H., Charlottesville, Psychology.

HUDSON, CECIL I., Jr., Charlottesville, Physics.

HUMMON, MARGARET R., Oakton, Botany.

HUNT, LOIS T., Hopewell, Zoology.

JEFFREY, JACKSON E., Richmond, Medical Sciences.

MCCLANAHAN, CHARLENE, Grundy, Genetics.
MCDIARMID, ROBERT C., Vienna, Engineering.

NORDQUIST, PAUL E. R., Jr., Arlington, Chemistry.

PLEASANTS, BEVERLY A., Richmond, Genetics.

THAXTON, GEORGE D., Richmond, Physics.
TOLBERT, CHARLES R., Richmond, Astronomy.

WALKER, WILLIAM S., Charlottesville, Physics.

Postdoctoral

LIGHT, ROBLEY J., Roanoke, Biochemistry.

Science Faculty

BAUM, PARKER B., Williamsburg, Chemistry.
HALL, ANITA B., Hampton, Zoology.

HOPKINS, MANSSELL H., Jr., Blacksburg, Engineering.

MONAHAN, IRENE P., Blacksburg, Mathematics.

PALMER, VIOLA G., Hampton, Medical Sciences.

PINSCHMIDT, W. C., Jr., Charlottesville, Biology.

STEWART, ROBERTA A., Hollins College, Chemistry.

Summer Fellowships for Graduate Teaching Assistants

ALBERT, EUGENE, Charlottesville, Mathematics.

BERRY, JAMES W., Abingdon, Zoology.

BOWEN, LAWRENCE H., Lynchburg, Chemistry.

NORDQUIST, PAUL E. R., Jr., Arlington, Chemistry.

RUSSELL, STEPHEN M., Abingdon, Zoology.

TOLBERT, CHARLES R., Richmond, Astronomy.
WADDILL, MARCELLUS E., Meherrin, Mathematics.

Summer Fellowships for Secondary School Teachers

BAKER, LOUIS CALVIN, Arlington, Biology.

HAACK, LOUISE B., Annandale, Mathematics.

VIRGINIA—Continued

HAUSER, Sr. M. ANN JOSEPH, Alexandria, Mathematics.
 MILLIKEN, HAROLD ROY, New Market, Biology.
 RION, JAMES W., Manassas, Mathematics.
 STINE, MARY E., Alexandria, Mathematics.
 TIBINGER, CLAUDE G., Dayton, General Sciences.

WASHINGTON**Graduate**

ALVORD, RICHARD P., Centralia, Earth Sciences.
 ARMSTRONG, RICHARD L., Seattle, Earth Sciences.
 BIRKELAND, PETER W., Bellevue, Earth Sciences.
 BROOKS, FLOYD L., Jr., Seattle, Chemistry.
 BROWN, RONALD E., Everett, Physics.
 CRASWELL, KEITH J., Port Orchard, Mathematics.
 ESPER, HILDEGARD, Seattle, Zoology.
 FARIS, WILLIAM G., Seattle, Mathematics.
 GERBRACHT, ROBERT J., Seattle, Physics.
 HENDRICKSON, ALICE J., Seattle, Psychology.
 JENKINS, DAVID A., Seattle, Engineering.
 KARLINSEY, KURTLEE J., Jr., Tacoma, Engineering.
 KROON, JOHN D., Seattle, Mathematics.
 LANPHERE, MARVIN A., Spokane, Earth Sciences.
 LARSON, DONALD C., Seattle, Engineering.
 LAWLER, RONALD G., Seattle, Chemistry.
 LEPSE, PAUL A., Seattle, Chemistry.
 LUBAN, MARSHALL, Seattle, Physics.
 MACLAHREN, MALCOLM D., Seattle, Mathematics.
 MCNEILL, DALE A., Tacoma, Physics.
 MILLER, RONALD E., Seattle, Social Sciences.
 RUSTAD, NORMAN E., Poulsbo, Chemistry.
 SHACKLEFORD, WILLIAM L., Seattle, Engineering.
 TOBLER, WALDO R., Edmonds, Social Sciences.
 WRIGHT, JON A., Tacoma, Physics.

Cooperative Graduate

ALLEY, EARL G., Hooper, Chemistry.
 ATKINSON, REILLY, Medina, Physics.
 CALVO, JOSEPH M., Seattle, Biochemistry.
 CURRENT, JERRY H., Seattle, Chemistry.
 DAVIS, JAMES W., Winslow, Engineering.
 DRAKE, DARRELL M., Seattle, Physics.
 GERHOLD, GEORGE A., Seattle, Chemistry.
 HARDY, ROBERT J., Port Angeles, Physics.
 HENRIE, DAVID L., Seattle, Physics.
 HODGE, ROBERT W., Port Angeles, Social Sciences.
 MALOFSKY, BERNARD M., Seattle, Chemistry.
 MATHEWS, WILLIAM G., Wenatchee, Astronomy.
 MOORE, GARY L., Gig Harbor, Earth Sciences.
 PERENSINI, ANTHONY L., Pullman, Mathematics.
 PIERSON, STUART O., Seattle, Social Sciences.
 PILKEY, ORRIN H., Richland, Earth Sciences.
 UPPER, CHRISTEN D., Kent, Biochemistry.
 WAKE, DAVID B., Parkland, Zoology.

Postdoctoral

FRITZ, WILLIAM H., Cathlamet, Earth Sciences.
 GEARING, FREDERICK O., Seattle, Anthropology.
 HODGE, PAUL W., Snohomish, Astronomy.
 JANS, JAMES P., Seattle, Mathematics.

Senior Postdoctoral

ANDERSON, ARTHUR G., Jr., Seattle, Chemistry.
 FAREWELL, GEORGE W., Seattle, Physics.
 HEWITT, EDWIN, Seattle, Mathematics.
 WAGNER, EDWARD L., Pullman, Chemistry.

Science Faculty

FORD, JAMES M., Mount Vernon, Biology.
 HAZLET, STEWART E., Pullman, Chemistry.
 JOPPA, ROBERT G., Seattle, Engineering.
 LADD, ARTHUR F., Ellensburg, Physics.
 MANLEY, DONALD L., Walla Walla, Physics.
 RICHEY, EUGENE P., Seattle, Engineering.
 SMITH, LYNWOOD S., Bremerton, Zoology.
 VIGERS, ROBERT F., Seattle, Engineering.

Summer Fellowships for Graduate Teaching Assistants

HARDY, ROBERT J., Port Angeles, Physics.
 LARSEN, JOHN H., Jr., Tacoma, Zoology.
 MEREDITH, FARRIS R., Pullman, Botany.
 MERWIN, HARRIET J., Seattle, Zoology.
 PARMENTER, VADEN R., Pullman, Botany.
 ROBBERS, JAMES E., Everett, Medical Sciences.

Summer Fellowships for Secondary School Teachers

CALLOW, WALLACE G., Seattle, Mathematics.
 JACOBSON, RICHARD W., Sunnyside, Mathematics.
 LASLEY, CORNELIA B., Tacoma, Mathematics.
 MARTINSEN, WESLEY D., Ferndale, General Sciences.
 MAYER, NORMAN WILLIAM, Tacoma, Zoology.
 PERCY, LOYD RAY, Tacoma, Mathematics.
 POST, RICHARD LINN, Aberdeen, Mathematics.
 SMITH, JOHN MARTIN, Aberdeen, General Sciences.
 UNDEM, ROY MARTIN, Aberdeen, Mathematics.

WEST VIRGINIA**Graduate**

CAMPBELL, LAURENCE J., Huntington, Physics.
 FRIEDLY, JOHN C., Jr., Moundsville, Engineering.
 HIRST, LESTER L., Jr., Morgantown, Physics.
 LILLY, JULIUS Q., Montgomery, Engineering.
 MANN, JAMES E., Jr., Bluefield, Engineering.
 TICE, RUSSELL L., Huntington, Biochemistry.

Cooperative Graduate

BALL, EDWIN D., Philippi, Physics.
 BONAR, DANIEL D., Murraysville, Mathematics.
 LONG, ANDREW F., Jr., Morgantown, Mathematics.
 PRICE, ALSON K., South Charleston, Chemistry.
 RAY, JAMES P., Princeton, Mathematics.
 THOMAS, KEITH S., Weyers Cave, Physics.
 WRIGHT, CARL L., Morgantown, Chemistry.

Science Faculty

BAER, CHARLES H., Morgantown, Botany.
 BAUSERMAN, THOMAS, Huntington, Mathematics.
 HAMILTON, JAMES F., Morgantown, Engineering.

LA RUB, JAMES A., Fairmont, Mathematics.
SMITH, NELSON S., Jr., Morgantown, Engineering.

Summer Fellowships for Graduate Assistants
CHAMBERS, WILLIAM L., Morgantown, Engineering.

GONANO, JOHN R., Hedgesville, Physics.
MILLER, FRANK D., Morgantown, Psychology.

Summer Fellowships for Secondary School Teachers

ADALIS, DOROTHY, Weirton, Biology.
BIRD, RALPH SIDNEY, Matoaka, Chemistry.
NUNLEY, ROBERT GRAY, Williamsburg, Biology.
SCHELL, DELMAR L., Petersburg, Biology.

WISCONSIN

Graduate

FAY, ROBERT C., Kenosha, Chemistry.
FREA, JAMES I., Sturgeon Bay, Microbiology.
GAGGIOLI, RICHARD A., Madison, Engineering.
GOTTLIEB, JUDITH A., Madison, Medical Sciences.
HARRIMAN, JOHN E., Appleton, Chemistry.
HARTMAN, THOMAS F., Madison, Psychology.
HOBEN, ALLAN, Milwaukee, Anthropology.
HUNDHAUSEN, ARTHUR J., Wausau, Physics.
IMHOF, VIOLET I., South Milwaukee, Chemistry.
JACOBS, STANLEY J., Hartland, Mathematics.

JEANNOTTE, DEXTER A., Milwaukee, Engineering.

KADLEC, ROBERT H., Racine, Engineering.
KESTNER, NEIL R., Muskegon, Chemistry.
KNUTH, DONALD E., Milwaukee, Mathematics.
KRUSACK, ARNOLD J., Clintonville, Chemistry.

LINK, JOHN K., Madison, Physics.
MAHOWALD, ANTHONY P., Milwaukee, Zoology.

MAKOFIS, WALTER L., Wauwatosa, Psychology.

MILLER, GERALD R., Milwaukee, Chemistry.
MORZENTI, VIRGINIA M., Montreal, Biology.
PFEIFFER, RUSSELL R., Milwaukee, Engineering.

POMRANING, GERALD C., Oshkosh, Engineering.

ROESLER, FREDERICK L., Milwaukee, Physics.
SMITH, DOUGLAS L., Madison, Chemistry.
SMITH, TIMOTHY A., Milwaukee, Psychology.

SUTTON, PAUL W., Sparta, Chemistry.
TREICHEL, PAUL M., Jr., Madison, Chemistry.
WAGNER, CURTIS A., Monroe, Physics.
WAGNER, EUGENE R., Madison, Chemistry.

Cooperative Graduate

BANASZAK, LEONARD J., Milwaukee, Biochemistry.

BERMAN, NEIL S., Milwaukee, Engineering.
BJERKE, CONRAD C., Osseo, Engineering.
BRINKMAN, GAIL L., Colfax, Biochemistry.
BRINKMAN, LEONARD W., Jr., La Crosse, Social Sciences.

BRONKOWSKI, THOMAS A., Milwaukee, Chemistry.

BRUENING, GEORGE E., South Milwaukee, Biochemistry.

CANNON, LAWRENCE O., Madison, Mathematics.

DE GROOT, RODNEY C., Union Grove, Botany.
DRUFENBROCK, Sr. MADEIRA, Milwaukee, Mathematics.

GILLMAN, DAVID S., Madison, Mathematics.
GRIMM, ROBERT A., Two Rivers, Chemistry.
JONSON, RONALD C., Milwaukee, Chemistry.
KRAUSE, EUGENE F., Kenosha, Mathematics.
MANDELKER, MARK W., Milwaukee, Mathematics.

MARTEN, GORDON C., Wausau, Agriculture.
MAY, DANIEL S., Racine, Biochemistry.

McCLURE, CHARLES W., Beloit, Engineering.
MEYER, Sr. GREGORY M., Milwaukee, Mathematics.

PITTERLE, THOMAS A., Milwaukee, Engineering.

POPPE, CARL H., Madison, Physics.
RIEDL, JOHN O., Jr., Milwaukee, Mathematics.

SEGUN, CHARLES P., Madison, Mathematics.
SEIHER, LOWELL A., Iola, Zoology.

SOULEN, THOMAS K., Madison, Biochemistry.

VANKYZIN, JOHN R., Milwaukee, Mathematics.

VERETTE, RALPH M., Wauwatosa, Engineering.

WHATLEY, MALCOLM C., Madison, Physics.
WIDMIER, JOHN M., Madison, Earth Sciences.

ZAWADZKI, JOSEPH F., Withee, Chemistry.

Postdoctoral

AUSTIN, SAMUEL M., Columbus, Physics.
BRANDT, JOHN C., Williams Bay, Astronomy.
SAGAN, CARL E., Madison, Astronomy.
SPENCER, THOMAS A., Jr., Madison, Chemistry.

SUTTIE, JOHN W., Madison, Biochemistry.
VANDERVOORT, PETER O., Williams Bay, Astronomy.

Senior Postdoctoral

ARCHER, E. JAMES, Madison, Psychology.

Science Faculty

DOEMLAND, HARVEY H., Madison, Engineering.

GREENE, JACK B., Milwaukee, Physics.
KUNNY, BARTHOLOMEW K., Beloit, Zoology.
MEZGER, JAMES P., Milwaukee, Engineering.
STEWART, JAMES C., Appleton, Mathematics.
VANDERLIN, CARL J., Jr., Whitewater, Mathematics.

Summer Fellowships for Graduate Teaching Assistants

CARLSON, DAVID H., Madison, Mathematics.
GIBSON, THOMAS G., Wauwatosa, Earth Sciences.

HICKS, GEORGE P., Madison, Chemistry.
HUTCHINS, JAMES P., Madison, Engineering.

MEISTERS, GEORGE J., Milwaukee, Chemistry.

NASH, ALLAN J., Wauwatosa, Psychology.
NORDMAN, JAMES E., Madison, Engineering.

NOVOYNY, DONALD W., Madison, Engineering.
PIEHL, MARTIN A., Medford, Botany.

PONTRELLI, GENE J., McFarland, Chemistry.
SARGENT, THEODORE D., Madison, Zoology.

SORAUF, JAMES E., Wauwatosa, Earth Sciences.

SPINK, CHARLES H., Platteville, Chemistry.
TISCHER, THOMAS N., Milwaukee, Chemistry.

TREMAINE, DORIS E., Clinton, Mathematics.
VANRYZIN, JOHN R., Milwaukee, Mathematics.

WHITE, KEITH L., Madison, Botany.
ZAWADZKI, JOSEPH F., Withee, Chemistry.

WISCONSIN—Continued

Summer Fellowships for Secondary School Teachers

ASHENFELTER, JOHN R., Janesville, Biology.
 BATHA, JOHN VINCENT, Muskego, Biology.
 BRADWAY, KENNETH W., Edgar, Mathematics.
 BRUNNER, VINCENT F., Milwaukee, Mathematics.
 GROMME, ROY O., Glendale, Biology.
 LANDIS, JOHN R., Appleton, Mathematics.
 LEMAN, HARRY WARREN, Casco, Botany.
 LONG, JOHN W., Menasha, Mathematics.
 McCLOSKEY, DONALD G., Madison, Mathematics.
 O'MALLEY, Sr. M. LORAN, Madison, Mathematics.
 PATTERSON, Sr. M. ADELBER, Wilwaukee, Biology.
 REINHOLZ, HARVEY H., Appleton, Biology.
 TREBBIOSKI, Sr. M. GABR, Stevens Point, Biology.
 WEINBERGER, F. RICHARD, Muskego, Mathematics.
 WOLFF, HARRY LUDWIG, Janesville, Mathematics.
 ZWENG, MARILYN J., Madison, Mathematics.

WYOMING

Graduate

DODSON, WILLIAM H., Casper, Engineering.
 SADLER, JOHN R., Riverton, Biochemistry.

Cooperative Graduate

BEATTY, DAVID D., Laramie, Zoology.
 GUYTON, JAMES W., Laramie, Earth Sciences.

Science Faculty

BEATTY, RICHARD L., Laramie, Mathematics.
 BOYD, DONALD W., Laramie, Biology.
 LAMB, DONALD R., Laramie, Earth Sciences.

Summer Fellowships for Graduate Teaching Assistants

GUYTON, JAMES W., Laramie, Earth Sciences.

Summer Fellowships for Secondary School Teachers

NIELSEN, LENUS A., Sheridan, General Sciences.

PUERTO RICO

Science Faculty

WEHMHOFER, Sr. MARIE C., Santa Maria, Botany.

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
Adelphi College, Garden City, N.Y.	1						
Akron, University of, Akron, Ohio	3						1
Alabama, University of, University, Ala.	3					3	3
American University, Washington, D.C.						2	
Appalachian State Teachers College, Boone, N.C.						2	
Arizona State College, Flagstaff, Ariz.						3	
Arizona State University, Tempe, Ariz.						3	
Arizona, University of, Tucson, Ariz.	6	2			2	2	1
Arkansas, University of, Fayetteville, Ark.	6	1				7	4
Atlanta University, Atlanta, Ga.						2	
Auburn University, Auburn, Ala.	3						4
Baylor University, Waco, Tex.						1	2
Boston College, Chestnut Hill, Mass.	2					2	
Boston University, Boston, Mass.	4						3
Brandeis University, Waltham, Mass.	6	2					2
Brigham Young University, Provo, Utah						1	
Brooklyn, Polytechnic Institute of, Brooklyn, N.Y.	13	1			1	3	2
Brown University, Providence, R.I.	6	6			2		3
Bryn Mawr College, Bryn Mawr, Pa.	4						2
Buffalo, University of, Buffalo, N.Y.	5					3	3
California Institute of Technology, Pasadena, Calif.	15	103	5	2	1		8
California, University of, Berkeley, Calif.	43	106	10		17		19
California, University of, Davis, Calif.		1			2	1	
California, University of, La Jolla, Calif.			1				
California, University of, Los Angeles, Calif.	18	8		2	5	5	5
California, University of, San Francisco, Calif.		2			2		
California, University of Southern, Los Angeles, Calif.	1	2	2		1		1
Carleton College, Northfield, Minn.					2		2
Carnegie Institute of Technology, Pittsburgh, Pa.	9	17	1				3
Case Institute of Technology, Cleveland, Ohio	6	1			1		3
Catholic University of America, Washington, D.C.	5	2			1	15	1
Chicago, University of, Chicago, Ill.	21	40	2	1	2	9	10
Cincinnati, University of, Cincinnati, Ohio	3	1					
Claremont College, Claremont, Calif.		1					
Claremont Graduate School, Claremont, Calif.	2				1		
Clark University, Worcester, Mass.	5						1
Clemson Agricultural College, Clemson, S.C.	3	1					2
Colorado School of Mines, Golden, Colo.						2	1
Colorado State College, Greeley, Colo.							
Colorado State University, Fort Collins, Colo.	2						4
Colorado, University of, Boulder, Colo.	7	7	1		3	18	4
Columbia University, New York, N.Y.	32	33	2		9	8	16
Columbia University Teachers College, New York, N.Y.						3	
Connecticut, University of, Storrs, Conn.	3				1		1
Cornell University, Ithaca, N.Y.	27	20	1		3		13

Institutes Chosen by Fellowship Awardees—Continued

	A	B	C	D	E	F	G
Creighton University, Omaha, Nebr.						2	
Delaware, University of, Newark, Del.	6	3				1	3
Denver, University of, Denver, Colo.						2	
De Paul University, Chicago, Ill.						1	
Detroit, University of, Detroit, Mich.						4	
Dominican College of San Rafael, San Rafael, Calif.						2	
Duke University, Durham, N.C.	5	7			2	3	4
Duquesne University, Pittsburgh, Pa.	2						1
East Texas State College, Commerce, Tex.						1	
Eastern Pennsylvania Psychiatric Institute, Philadelphia, Pa.			1				
Emory University, Atlanta, Ga.	4					2	
Fairleigh Dickinson College, Rutherford, N.J.						1	
Florida State University, Tallahassee, Fla.	6	2			2	3	2
Florida, University of, Gainesville, Fla.	6	8			2	3	3
Fordham University, New York, N.Y.	4	1			1	8	3
Fresno State College, Fresno, Calif.						1	
George Peabody College for Teachers, Nashville, Tenn.	1					4	2
George Washington University, Washington, D.C.	2						
Georgetown University, Washington, D.C.	3	1					4
Georgia Institute of Technology, Atlanta, Ga.	6				2		1
Georgia, University of, Athens, Ga.	6	1				1	3
Hahnemann Medical College, Philadelphia, Pa.							2
Harvard University, Cambridge, Mass.	21	173	11		4	2	6
Hawaii, University of, Honolulu, Hawaii.	3						1
Houston, University of, Houston, Tex.	6						3
Howard University, Washington, D.C.						1	
Hunter College, New York, N.Y.						1	
Illinois Institute of Technology, Chicago, Ill.	5				3		5
Illinois, University of, Urbana, Ill.	48	41	2		12	5	24
Indiana State Teachers College, Terre Haute, Ind.						2	
Indiana University, Bloomington, Ind.	8	7			3	2	5
Institute for Advanced Study, Princeton, N.J.			12	4	2		
Iowa State University of Science and Technology, Ames, Iowa.							10
Iowa State, University of, Iowa City, Iowa.	21	7			5	3	
Iowa State Teachers College, Cedar Falls, Iowa.	14	5			1	5	7
John Carroll University, Cleveland, Ohio.						1	
Johns Hopkins University, Baltimore, Md.	8	20	2				3
Kansas State Teachers College, Emporia, Kans.						6	
Kansas State University, Manhattan, Kans.	7					1	3
Kansas, University of, Lawrence, Kans.	8	9				5	5
Kent State University, Kent, Ohio.	6					2	
Kentucky, University of, Lexington, Ky.	6						4
Lehigh University, Bethlehem, Pa.	5		1		2	1	3
Long Beach State College, Long Beach, Calif.						1	
Louisiana Polytechnic Institute, Ruston, La.						3	
Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La.	9	6			1		5
Louisville, University of, Louisville, Ky.	3					1	2
Loyola University, Chicago, Ill.	6						4
Madison College, Madison College, Tenn.						1	
Maine, University of, Orono, Maine.	6						4
Marquette University, Milwaukee, Wis.						4	
Maryland, University of, College Park, Md.	11	3			4	5	7
Massachusetts Institute of Technology, Cambridge, Mass.	46	114	3		5		23
Massachusetts, University of, Amherst, Mass.						1	
Medical College of Virginia, Richmond, Va.	3						
Miami University, Oxford, Ohio.						1	
Miami, University of, Coral Gables, Fla.		1				2	
Michigan College of Mining and Technology, Houghton, Mich.		1					
Michigan State University, East Lansing, Mich.	20	1			5	6	11
Michigan, University of, Ann Arbor, Mich.	42	34	2		20	14	21
Minnesota, University of, Minneapolis, Minn.	28	10	1		3	12	14
Mississippi College, Clinton, Miss.						1	
Mississippi Southern College, Hattiesburg, Miss.						1	
Mississippi State University, State College, Miss.	6						
Mississippi, University of, University, Miss.	1					3	3
Missouri, University of, Columbia, Mo.	10	1			3	1	6
Montana State College, Bozeman, Mont.	4	1					
Montana State University, Missoula, Mont.	6				1	1	
Montclair State College, Upper Montclair, N.J.						1	
Nebraska, University of, Lincoln, Nebr.	6	4			3	2	4
New Hampshire, University of, Durham, N.H.	3					1	2
New Mexico Institute of Mining and Technology, Socorro, N. Mex.	1		1				
New Mexico State University, State College, N. Mex.	5					3	4
New Mexico, University of, Albuquerque, N. Mex.		2			1	1	3
New School for Social Research, New York, N.Y.	2						
New York State, University of, Syracuse, N.Y.	5						2
New York State, University of, Teachers College at New Paltz, N.Y.						1	
New York University, New York, N.Y.	30	5	1	1	2	13	

Institutes Chosen by Fellowship Awardees—Continued

	A	B	C	D	E	F	G
North Carolina State College of Agriculture and Engineering, Raleigh, N.C.	7	3			1	1	4
North Carolina, University of, Chapel Hill, N.C.	7	4			5	2	1
North Carolina, Woman's College of the University, Greensboro, N.C.						1	
North Dakota Agricultural College, State College, N. Dak.	5						
North Dakota, University of, Grand Forks, N. Dak.	3					3	4
North Texas State College, Denton, Tex.						1	
Northeast Missouri State Teachers College, Kirksville, Mo.						1	
Northern Illinois University, Dekalb, Ill.						3	
Northwestern State College of Louisiana, Natchitoches, La.						1	
Northwestern University, Evanston, Ill.	15	12	1		3	7	6
Notre Dame, University of, Notre Dame, Ind.	6	2			3	35	3
Ohio State University, Columbus, Ohio	27	8			4	7	15
Ohio University, Athens, Ohio	2						1
Ohio Wesleyan University, Delaware, Ohio						1	
Oklahoma State University of Agriculture and Applied Sciences, Stillwater, Okla.	8	3			2	7	5
Oklahoma, University of, Norman, Okla.	7	2			2	6	5
Oregon State College, Corvallis, Oreg.	9	2			3	7	6
Oregon, University of, Eugene, Oreg.	6	2			1		4
Pacific, College of the, Stockton, Calif.							1
Pennsylvania State University, University Park, Pa.	20	7	1		6	22	11
Pennsylvania, University of, Philadelphia, Pa.	14	12	1			6	6
Peter Bent Brigham Hospital, Boston, Mass.			1				
Philadelphia College of Pharmacy and Science, Philadelphia, Pa.	1						
Pittsburgh, University of, Pittsburgh, Pa.	10	1			6	4	6
Princeton University, Princeton, N. J.	12	87	5	1	4		7
Purdue University, Lafayette, Ind.	34	10			15	19	17
Radcliffe College, Cambridge, Mass.	4	9					
Redlands, University of, Redlands, Calif.						6	
Rensselaer Polytechnic Institute, Troy, N. Y.	7	2			2		4
Rhode Island, University of, Kingston, R. I.	6	6					3
Rice Institute, Houston, Tex.	6	6					2
Rochester, University of, Rochester, N. Y.	8	2					5
Rockefeller Institute, New York City, N. Y.			1				
Rutgers, The State University, New Brunswick, N. J.	9	2			1		6
St. Bonaventure University, St. Bonaventure, N. Y.	1					1	
St. Johns University, Jamaica, N. Y.	3					3	3
St. Louis University, St. Louis, Mo.	6	1			1	5	3
St. Mary College, Xavier, Kans.						1	
San Francisco State College, San Francisco, Calif.						2	
San Francisco, University of, San Francisco, Calif.		1					
Smith College, Northampton, Mass.	1						
South Carolina, University of, Columbia, S. C.	5					1	2
South Dakota State College of Agriculture and Mechanical Arts, Brookings, S. Dak.	1					1	1
South Dakota, State University of, Vermillion, S. Dak.	3					2	2
Southern Illinois University, Carbondale, Ill.	1	1			1	1	
Southern Methodist University, Dallas, Tex.						1	
Southern University, Baton Rouge, La.						2	
Southwestern Louisiana Institute, Lafayette, La.							
Stanford University, Stanford, Calif.	22	60	8		12	6	12
Stevens Institute of Technology, Hoboken, N. Y.	7						2
Syracuse University, Syracuse, N. Y.	7	1			2	3	4
Temple University, Philadelphia, Pa.	3						
Tennessee, University of, Knoxville, Tenn.	8	6			4	1	3
Texas, Agricultural and Mechanical College of, College Station, Tex.	3	1			3	1	3
Texas Christian University, Fort Worth, Tex.						1	
Texas Southern University, Houston, Tex.						2	
Texas Technological College, Lubbock, Tex.		1				1	1
Texas, University of, Austin, Tex.	18	7		1	4	6	10
Toledo, University of, Toledo, Ohio		2					
Trinity University, San Antonio, Tex.						1	
Tufts University, Medford, Mass.							1
Tulane University, New Orleans, La.	6	1			1		4
Utah State University, Logan, Utah	4				2		
Utah, University of, Salt Lake City, Utah	7	1					4
Vanderbilt University, Nashville, Tenn.	6				3		4
Villanova University, Villanova, Pa.						9	
Virginia Polytechnic Institute, Blacksburg, Va.	3	1			2		1
Virginia, University of, Charlottesville, Va.	6	2			1		1
Washington State University, Pullman, Wash.	4	1			1	1	4
Washington University, St. Louis, Mo.	7	2	1		5	3	3
Washington, University of, Seattle, Wash.	14	10		1	5	7	4
Wayne State University, Detroit, Mich.	6					2	4
Wesleyan University, Middletown, Conn.						1	
West Virginia University, Morgantown, W. Va.	4				1	5	3
Western Illinois University, Macomb, Ill.						1	
Western Michigan University, Kalamazoo, Mich.						3	
Western Reserve University, Cleveland, Ohio	6	1				3	2
Western Washington College of Education, Bellingham, Wash.						2	

Institutes Chosen by Fellowship Awardees—Continued

	A	B	C	D	E	F	G
Wisconsin, University of, Madison, Wis.	41	40	3		9	18	21
Worcester Polytechnic Institute, Worcester, Mass.	2						
Wyoming, University of, Laramie, Wyo.	2					4	1
Xavier University, Cincinnati, Ohio						4	
Yale University, New Haven, Conn.	20	34	4		6		9
Yeshiva University, New York, N.Y.	2		1				

Foreign Institutions

Foreign institutions	Graduate	Post doctoral	Senior post-doctoral	Science faculty
Athens National University, Greece		1		
Australian National University, Australia		1	1	
Basel, University of, Switzerland		1		
Bern, University of, Switzerland			1	
Birmingham, University of, England			1	
Bologna, University of, Italy			1	
Bonn, University of, Germany		1		
Bordeaux, University of, France			1	
Bristol, University of, England			2	
Brussels, University of, Belgium		2		
Cambridge, University of, England	5	9	9	1
Carlsberg Foundation, Denmark			2	
Centre Nationale de la Recherche Scientifique, France		2		
Centre Nationale de Transfusion Sanguine, France		1		
Cern, Switzerland		1	3	
Chalmers Tekniska Hogskola, Sweden				1
College de France, France		1		
Cologne, University of, Germany			2	1
Copenhagen, University of, Denmark		6		
Council of Scientific and Industrial Research, India	1			
Dublin Institute for Advanced Study, Ireland		1		
Durham, University of, England		1		
Ecole Polytechnique, France		1	1	
Edinburgh, University of, Scotland		1		
Federal Research Institute for Virus Diseases of Animals, Germany		1		
Fourah Bay College, British West Africa		1		
Ghent, University of, Belgium		1		
Glasgow, University of, Scotland				1
Göttingen, University of, Germany		1		1
Grenoble, University of, France		1		
Hebrew University, Israel			2	
Heidelberg, University of, Germany		2	2	
Institut Fourier, France			1	
Institut Henri Poincaré, France		1		
Institut Pasteur, France		2		
Institute for Theoretical Physics, Denmark			2	
Institute for Theoretical Physics, Naples, Italy		1		
Instituto Superiore de Sanita, Italy		1		
International Training Centre for Aerial Survey, Netherlands				1
Karolinska Institute, Sweden		1	1	
Leeds, University of, England			1	
Leiden, University of, Netherlands		2	1	
Lima, University of, Peru	1			
London, University of, England	4	5	3	1
Lund, University of, Sweden		1		1
Marburg, University of, Germany		1		
Maudsley Hospital, England		1		
Medical Biological Laboratory, National Defense Research Council, Netherlands			1	
Melbourne, University of, Australia		1		
Munich, University of, Germany		2		
Museum National d'Histoire Naturelle, France			1	
Nagoya University, Japan		1		
Nancy, University of, France		1		
National Institute for Medical Research, England		1		
New Zealand, University of, New Zealand		1		
Nigeria, University College of, Nigeria	1			
Nobel Medical Institute, Sweden			2	
Norges Tekniske Hogskole, Norway				1
Observatoire de Paris, France		2		
Osaka University, Japan			1	1
Oslo, University of, Norway		1		1
Oxford, University of, England	7	6	3	3
Paris, University of, France	3	3	5	2
Pavia, University of, Italy			1	

Foreign Institutions—Continued

Foreign institutions	Graduate	Post doctoral	Senior post-doctoral	Science faculty
Pisa, University of, Italy.....		1		
Queensland, University of, Australia.....			1	
Rome, University of, Italy.....		1	2	1
Royal Botanical Gardens, England.....		1		
Royal Institute of Technology, Sweden.....		1		
Royal Veterinary College, Sweden.....		1		
Saar, University of, Germany.....	1			
Sao Paulo, University of, Brazil.....			1	
St. Thomas' Hospital, England.....		2		
Stockholm, University of, Sweden.....		1		
Swiss Federal Institute of Technology, Switzerland.....		1		1
Sydney, University of, Australia.....			1	
Technische Hochschule, Aachen, Germany.....		1		
Technische Hochschule, Darmstadt, Germany.....		1		
Technische Hochschule, Munich, Germany.....				2
Technische Hochschule, Stuttgart, Germany.....		2		
Technische Hochschule, Vienna, Austria.....				
Technische Hogeschool, Delft, Netherlands.....		1	1	2
Tokyo, University of, Japan.....		1	1	
Uppsala, University of, Sweden.....		1	2	
Vienna, University of, Austria.....	1		1	
Weizmann Institute of Science, Israel.....		1	1	

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

	Science faculty	Senior post-doctoral	Post-doctoral
Adelaide, University of, Adelaide, Australia.....			1
Air Force Research Center, Cambridge, Mass.....		1	
Alabama Polytechnic Institute, Auburn, Ala.....			1
Alaska, University of, College, Alaska.....	2		
Alcorn Agricultural and Mechanical College, Alcorn, Miss.....	1		
Amherst College, Amherst, Mass.....	1		
Antelope Valley Junior College, Lancaster, Calif.....	1		
Arizona, University of, Tucson, Ariz.....	2		
Arkansas, University of, Fayetteville, Ark.....	2		
Austin Peay State College, Clarksville, Tenn.....	1		
Bail State Teachers College, Muncie, Ind.....	2		
Beloit College, Beloit, Wis.....	1		
Berea College, Berea, Ky.....	1		
Boston College, Chestnut Hill, Mass.....	1		
Bowdoin College, Brunswick, Maine.....	1		
Brandeis University, Waltham, Mass.....	1	2	
Brigham Young University, Provo, Utah.....		1	
Brookhaven National Laboratory, New York, N.Y.....		1	
Brooklyn College, Brooklyn, N.Y.....	1		
Brown University, Providence, R.I.....		1	1
Bucknell University, Lewisburg, Pa.....	2		
California Institute of Technology, Pasadena, Calif.....			5
California State Polytechnic College, San Luis Obispo, Calif.....	2		
California, University of, Berkeley, Calif.....		3	16
California, University of, Davis, Calif.....	1		
California, University of, La Jolla, Calif.....			1
California, University of, Los Angeles, Calif.....	1	2	6
Calvin College, Grand Rapids, Mich.....	1		
Carleton College, Northfield, Minn.....	2		
Case Institute of Technology, Cleveland, Ohio.....	3		1
Catholic University of Puerto Rico, Ponce, P.R.....	1		
Central Washington College of Education Ellensburg, Wash.....	1		
Chattanooga, University of, Chattanooga, Tenn.....			
Chicago, University of, Chicago, Ill.....	1	3	14
Chico State College, Chico, Calif.....	2		
Christian Brothers College, Memphis, Tenn.....	2		
Church College of Hawaii, The, Hale, Oahu, Hawaii.....	1		
Cincinnati, University of, Cincinnati, Ohio.....	1		
Clemson College of Technology, Potsdam, N.Y.....	2		
Clemson Agricultural College, Clemson, S.C.....	3		
College of Medical Evangelists, Los Angeles, Calif.....			1
Colorado College, Colorado Springs, Colo.....	1		
Colorado State University, Fort Collins, Colo.....	1		
Colorado, University of, Boulder, Colo.....			1
Columbia University, New York City, N.Y.....		1	11
Concordia College, Moorhead, Minn.....	1		

Present or Most Recent Institutional Affiliation of Individuals Offered Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships—Con.

	Science faculty	Senior post-doctoral	Post-doctoral
Connecticut, University of, Storrs, Conn.	2		
Cornell University, Ithaca, N. Y.		5	5
Cornell University, New York State Veterinary College, Ithaca, N. Y.	1		
Dana College, Blair, Nebr.	1		
Dartmouth College, Hanover, N. H.	2		
David Taylor Model Basin, Washington, D. C.		1	
Delaware, University of, Newark, Del.		1	
Detroit, University of, Detroit, Mich.	2		
Drew University, Madison, N. J.	1		
Drury College, Springfield, Mo.	1		
Duke University, Durham, N. C.			1
D'Youville College, Buffalo, N. Y.	1		
Earlham College, Richmond, Ind.	1		
Eastern Michigan University, Ypsilanti, Mich.	2		
Eastern Pennsylvania Psychiatric Institute, Philadelphia, Pa.			1
El Camino College, El Camino College, Calif.	2		
Emory University, Atlanta, Ga.	1		
Fairmont State College, Fairmont, W. Va.	1		
Florence State College, Florence, Ala.	1		
Florida, University of, Gainesville, Fla.	1		1
Franklin and Marshall College, Lancaster, Pa.	1		
General Motors Institute, Flint, Mich.	1		
Geneva College, Beaver Falls, Pa.	1		
Geological Survey, U. S., Washington, D. C.		1	
George Washington University, Washington, D. C.	1	1	
Georgia Institute of Technology, Atlanta, Ga.	3		
Georgia, University of, Athens, Ga.	1		
Georgetown University, Washington, D. C.	1		
Glendale College, Glendale, Calif.	1		
Grambling College, Grambling, La.	1		
Hampton Institute, Hampton, Va.	2		
Harvard University, Cambridge, Mass.		3	10
Haverford College, Haverford, Pa.	3		
Holy Cross, College of the, Worcester, Mass.	1		
Hollins College, Hollins College, Va.	1		
Houghton College, Houghton, N. Y.	1		
Humboldt State College, Arcata, Calif.	1		
Hunter College, New York City, N. Y.	1		
Idaho, University of, Moscow, Idaho.	2		
Illinois Institute of Technology, Chicago, Ill.			1
Illinois, University of, Urbana, Ill.	3	1	10
Illinois, University of, Chicago, Ill.	3		
Indiana Technical College, Fort Wayne, Ind.	1		
Indiana University, Bloomington, Ind.	1	2	4
Institute for Advanced Study, Princeton, N. J.			1
Iowa State University of Science and Technology, Ames, Iowa.	1	1	1
Iowa, State University of, Iowa City, Iowa.	1	1	
Jamestown Community College, Jamestown, N. Y.	1		
Jefferson Medical College, Philadelphia, Pa.			1
Johns Hopkins University, Baltimore, Md.		2	7
Kansas State Teachers College, Emporia, Kans.	2		
Kansas State University of Agriculture and Applied Science, Manhattan Kans.	1		
Kentucky, University of, Lexington, Ky.	1		
Kenyon College, Gambler, Ohio.	1		
Keuka College, Keuka, N. Y.	1		
King's College, Wilkes-Barre, Pa.	1		
Lake Forest College, Lake Forest, Ill.	1		
Lamar State College of Technology, Beaumont, Tex.	1		
Lawrence College, Appleton, Wis.	1		
Lehigh University, Bethlehem, Pa.	1		
Lenoir Rhyne College, Hickory, N. C.	1		
Livingstone College, Salisbury, N. C.	1		
Los Alamos Scientific Laboratory, Los Alamos, N. Mex.		1	
Louisiana, Northwestern State College of, Natchitoches, La.	1		
Louisiana Polytechnic Institute, Ruston, La.	2		
Louisville, University of, Louisville, Ky.	1		
Maine, University of, Orono, Maine.	1		
Marillac Junior College, St. Louis, Mo.	1		
Marquette University, Milwaukee, Wis.	1		
Marshall College, Huntington, W. Va.	1		
Mary Washington College of the University of Virginia, Fredericksburg, Va.	1		
Marygrove College, Detroit, Mich.	1		
Massachusetts Institute of Technology, Cambridge, Mass.	1	2	5
Massachusetts, University of, Amherst, Mass.	1		
Medical Nobel Institute, Stockholm, Sweden.			1
Memphis State University, Memphis, Tenn.	1		
Michigan College of Mining and Technology, Houghton, Mich.	1		

Present or Most Recent Institutional Affiliation of Individuals Offered Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships—Con.

	Science faculty	Senior post-doctoral	Post-doctoral
Michigan State University of Agriculture and Applied Science, East Lansing, Mich.	3	1	1
Michigan, University of, Ann Arbor, Mich.	1	3	7
Milwaukee School of Engineering, Milwaukee, Wis.	1		
Minnesota, University of, Minneapolis, Minn.	1	2	2
Mississippi State College for Women, Columbus, Miss.	1		
Mississippi State University, State College, Miss.	1		
Mississippi, University of, University, Miss.	1		
Missouri, University of, Columbia, Mo.	1	1	
Monsanto Chemical Company, Dayton, Ohio.		1	
Montana State College, Bozeman, Mont.	2		
Montgomery Junior College, Takoma Park, Md.	1		
Morehead State College, Morehead, Ky.	1		
Morgan State College, Baltimore, Md.	1		
Morton Junior College, Cicero, Ill.	1		
Mount San Antonio College, Pomona, Calif.	1		
Mundelein College, Chicago, Ill.	1		
Murray State College, Murray, Ky.	1		
Muskingum College, New Concord, Ohio.	1		
National Institutes of Health, Bethesda, Md.		1	
Nebraska, University of, Lincoln, Nebr.	1		
New Hampshire, University of, Durham, N.H.	1		
New York, College of the City of, New York City, N.Y.	1		
New York University, New York, N.Y.		1	3
North Carolina Agricultural and Technical College, Greensboro, N.C.	2		
North Carolina State College of Agriculture and Engineering, Raleigh, N.C.	1		
North Carolina, University of, Chapel Hill, N.C.	1	2	1
North Dakota Agricultural College, Fargo, N. Dak.	1		
North Dakota, University of, Grand Forks, N. Dak.	1		
North Texas State College, Denton, Tex.	1		
Northern Illinois University, DeKalb, Ill.	2		
Northwest Missouri State College, Maryville, Mo.	1		
Northwestern University, Evanston, Ill.	1		2
Norwich University, Northfield, Vt.	1		
Notre Dame, College of, Belmont, Calif.	1		
Notre Dame, University of, Notre Dame, Ind.	1		1
Oak Ridge National Laboratories, Oak Ridge, Tenn.		4	
Oberlin College, Oberlin, Ohio.	3		
Oklahoma State University of Agriculture and Applied Science, Stillwater, Okla.	2		
Oklahoma, University of, Norman, Okla.	3		1
Olympic Junior College, Bremerton, Wash.	1		
Oregon State College, Corvallis, Oreg.	3		
Oregon, University of, Eugene, Oreg.	1	1	1
Paducah Junior College, Paducah, Ky.	1		
Pennsylvania State University, The, University Park, Pa.	5	1	2
Pennsylvania, University of, Philadelphia, Pa.	1		2
Phillips University, Enid, Okla.	1		
Pittsburgh, University of, Pittsburgh, Pa.	1		
Polytechnic Institute of Brooklyn, Brooklyn, N.Y.	3	2	
Pomona College, Claremont, Calif.	1	1	2
Princeton University, Princeton, N.J.	1	1	2
Purdue University, Lafayette, Ind.	1	1	1
Radcliffe College, Cambridge, Mass.			1
Reedley College, Reedley, Calif.	1		
Rensselaer Polytechnic Institute, Troy, N.Y.	2		
Rice Institute, Houston, Tex.		1	
Rhode Island, University of, Kingston, R.I.	2		
Rochester, University of, Rochester, N.Y.			2
Rockefeller Institute, New York, N.Y.		1	1
Rockhurst College, Kansas City, Mo.	1		
Roosevelt University, Chicago, Ill.	1		
St. Francis College, Fort Wayne, Ind.	1		
St. John's University, Jamaica, N.Y.	1		
St. Louis University, St. Louis, Mo.	2		
St. Procopius College, Lisle, Ill.	1		
San Fernando Valley State College, Northridge, Calif.	1		
San Jose State College, San Jose, Calif.	2		
San Mateo, College of, San Mateo, Calif.	1		
Seattle University, Seattle, Wash.	1		
Shasta College, Redding, Calif.	1		
Simmons College, Boston, Mass.	1		
Skagit Valley College, Mount Vernon, Wash.	1		
Smith College, Northampton, Mass.	1		
Snow College, Ephraim, Utah.	1		
South Carolina, University of, Columbia, S.C.	1		
South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak.	2		

*Present or Most Recent Institutional Affiliation of Individuals Offered
Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships—Con.*

	Science faculty	Senior post- doctoral	Post- doctoral
Southeast Missouri State College, Cape Gerardeau, Mo.....	1		
Southern California, University of, Los Angeles, Calif.....			1
Southern Illinois University, Carbondale, Ill.....	2		
Southern Methodist University, Dallas, Tex.....	1		
Southern Oregon College, Ashland, Oreg.....	1		
Southern University and Agricultural and Mechanical College, Baton Rouge, La.....	2		
Southwestern Louisiana Institute, Lafayette, La.....	2		
Stanford University, Stanford, Calif.....	1	1	10
State Teachers College, Frostburg, Md.....	1		
State Teachers College, Lock Haven, Pa.....	1		
State Teachers College at Towson, Baltimore, Md.....	1		
State University of New York, Albany, N.Y.....	1		
State University of New York (Agricultural and Technical Institute), Alfred, N.Y.....	1		
Stevens Institute of Technology, Hoboken, N.J.....	1		
Susquehanna University, Selinsgrove, Pa.....	1		
Swarthmore College, Swarthmore, Pa.....	2		
Syracuse University, Syracuse, N.Y.....	1	1	
Temple University, Philadelphia, Pa.....	1		1
Tennessee, University of, Knoxville, Tenn.....	1		
Texas Southern University, Houston, Tex.....	1		
Texas Agricultural and Mechanical College, College Station, Tex.....	2		
Texas Technological College, Lubbock, Tex.....	3		
Texas, University of, Austin, Tex.....	2	1	1
Tri-State College, Angola, Ind.....	1		
Tulane University, New Orleans, La.....			1
Union College and University, Schenectady, N.Y.....	1		
United States Naval Postgraduate School, Monterey, Calif.....	1		
Upland College, Upland, Calif.....	1		
Upsala College, East Orange, N.J.....	1		
Utah, University of, Salt Lake City, Utah.....			2
Valparaiso University, Valparaiso, Ind.....	1		
Virginia Polytechnic Institute, Blacksburg, Va.....	1		
Wabash College, Crawfordsville, Ind.....	1		
Washington State University, Pullman, Wash.....	2	1	
Washington University, St. Louis, Mo.....	1	2	3
Washington, University of, Seattle, Wash.....	2	3	5
Wayne State University, Detroit, Mich.....	1	1	
Wellesley College, Wellesley, Mass.....	1		
Wessington Springs College, Wessington Springs, S. Dak.....	1		
West Virginia University, Morgantown, W. Va.....	3		
Western Carolina College, Cullowhee, N.C.....	1		
Western Illinois University, Macomb, Ill.....	1		
Western Maryland College, Westminster, Md.....	1		
Western Reserve University, Cleveland, Ohio.....	2	1	1
Whitman College, Walla Walla, Wash.....	1		
Whittier College, Whittier, Calif.....	1		
Wichita, University of, Wichita, Kans.....	1		
William and Mary, College of, Norfolk, Va.....	1		
Winston-Salem Teachers College, Winston-Salem, N.C.....	1		
Wisconsin State College, Whitewater, Wis.....	1		
Wisconsin, University of, Madison, Wis.....	1	1	7
Wittenberg University, Springfield, Ohio.....	1		
Wright-Patterson Air Force Base, Dayton, Ohio.....		1	
Wyoming, University of, Laramie, Wyo.....	3		
Yale University, New Haven, Conn.....			10
Youngstown University, Youngstown, Ohio.....	2		