

APPENDIX E

Fellowship Awards Offered

National Science Foundation Fellowship Awards by Program and Field, Fiscal Year 1963

Field	Graduate	Cooperative graduate	Graduate teaching assists.	Post-doctoral	Senior post-doctoral	Science faculty	Secondary school teachers	Senior foreign scientists	Total
Life Sciences:									
Agriculture.....	6	4	2	2	0	0	0	0	14
Anthropology.....	38	12	8	6	2	5	0	0	71
Biochemistry.....	75	17	10	11	10	2	5	2	132
Biophysics.....	32	9	3	9	1	5	1	2	62
Botany.....	34	16	45	5	1	5	12	4	122
General Biology.....	33	20	24	8	2	13	67	1	168
Genetics.....	24	7	3	4	8	6	2	0	54
Medical Sciences.....	3	0	3	9	3	1	-----	-----	19
Microbiology.....	15	7	15	5	2	5	7	2	58
Pathology.....	1	0	0	0	0	2	-----	-----	3
Physiology.....	33	17	20	7	4	4	-----	1	86
Psychology.....	84	57	33	10	5	6	0	0	195
Zoology.....	59	34	41	7	0	9	24	3	177
Subtotal.....	437	200	207	83	38	63	118	15	1,161
Physical Sciences:									
Astronomy.....	21	8	3	1	0	1	0	0	34
Chemistry.....	252	212	194	54	14	26	18	7	777
Earth Sciences.....	76	33	81	15	4	6	8	12	235
Engineering.....	207	286	126	15	7	108	-----	6	845
Mathematics.....	332	227	137	29	5	76	125	5	936
Meteorology.....	1	1	1	1	0	2	-----	0	6
Oceanography.....	4	4	0	0	0	1	-----	0	9
Physics.....	365	274	105	38	20	30	12	8	852
General Science.....	-----	-----	-----	-----	-----	3	7	-----	10
Subtotal.....	1,348	1,045	647	153	50	253	170	38	3,704
Social Sciences:									
Economics.....	42	28	30	6	5	4	-----	-----	115
Geography.....	1	1	5	0	0	1	-----	-----	8
History and Philosophy of Science.....	26	7	1	1	1	2	-----	-----	38
Linguistics.....	5	1	-----	2	0	0	-----	-----	8
Sociology.....	19	13	15	0	0	1	-----	-----	48
Social Sciences, other.....	2	5	1	0	1	1	-----	-----	10
Subtotal.....	95	55	52	9	7	9	-----	-----	227
Total.....	1,880	1,300	906	245	95	325	288	53	5,092

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

ALABAMA

Graduate

COULTER, PHILIP W., Phenix City, Physics
 GUNTER, THOMAS E., Jr., Tusculmbia, Physics
 McDERMOTT, PATRICK P., Mobile, Biophysics
 ROGERS, CHARLES L., Birmingham, Engineering
 SMITH, DONALD R., Sylacauga, Mathematics
 SMITH, STEPHEN R., Fayette, Physics

Cooperative Graduate

COOPER, THOMAS E., Auburn, Engineering
 CRANFORD, KENNETH H., Huntsville, Mathematics

LANDERS, KENNETH E., Leighton, Biology
 McCORMACK, FRANCIS J., Mobile, Physics
 STANSELL, KITTY L., Montevallo, Physics
 VANCLEAVE, ALBERT R., Wadley, Mathematics

Summer Fellowships for Graduate Teaching Assistants

BAILEY, ESCAR L., Anderson, Engineering
 BAUM, LAWRENCE S., Birmingham, Botany
 CHRISTENSEN, CHARLES R., Athens, Chemistry
 FEARN, RICHARD L., Mobile, Physics
 FULP, RONALD O., Auburn, Mathematics
 MOSLEY, WILBUR C., Jr., Tuscaloosa, Physics
 STARK, JOHN, Tuscaloosa, Engineering

TEMPLE, HERBERT L., Auburn, Mathematics
VANCLEAVE, ALBERT R., Jr., Wadley, Mathematics
WALTON, DAN W., Jemison, Zoology
WILLS, EDWARD L., Birmingham, Physics

Postdoctoral

WATSON, JAMES R., Jr., Anniston, Botany

Science Faculty

CHRISTIAN, WILLIE H., Tuskegee Institute, Mathematics
GROTH, AARON H., Jr., Auburn, Medical Sciences
JONES, ALICE S., Livingston, Botany
MCDUFF, ODIS P., University, Engineering
NICHOLS, JAMES O., Auburn, Engineering
OLIVER, CALVIN C., Atlanta, Engineering
RAULERSON, LYNN, Birmingham, Biology

Summer Fellowships for Secondary School Teachers

WHEELER, JOHN F., Indian Springs, Mathematics

ALASKA

Graduate

LENT, PETER C., College, Zoology

Science Faculty

FORBES, ROBERT B., College, Earth Sciences

ARIZONA

Graduate

COLLINS, DONALD J., Tucson, Engineering
KREISLER, MICHAEL N., Tucson, Physics
LOVEJOY, EARL M., Tucson, Earth Sciences
MCARTHUR, DAVID A., Tucson, Physics
MCCOY, BARRY M., Tucson, Physics
MERCEE, GENE A., Tucson, Psychology
NEVILLE, MELVIN K., Tucson, Anthropology
WILLIS, BYRON H., Winslow, Engineering
YOUNG, JON N., Florence, Anthropology

Cooperative Graduate

AZCUENAGA, JOANNE I., Williams, Chemistry
ERICKSON, ROLFE C., Tucson, Earth Sciences
HALL, RAYMOND G., Jr., Scottsdale, Physiology
MICKLE, DAVID G., Tucson, Earth Sciences
SAMPLE, SHELIA D., Tempe, Chemistry
SANDERS, ROBERT W., Tempe, Mathematics

Graduate Teaching Assistant

COOPER, RICHARD K., Tucson, Physics
DELISE, DONALD A., Tucson, Physics
HENSLEY, DAVID C., Flagstaff, Physics
KERR, DONALD R., Jr., Tucson, Mathematics
PROCTOR, SHARON J., Phoenix, Zoology
PYPER, WALTER R., Tempe, Mathematics

Postdoctoral

LANGE, ROBERT V., Phoenix, Physics
MOORES, ELDERIDGE M., Globe, Earth Sciences

Senior Postdoctoral

SPICER, EDWARD H., Tucson, Anthropology

Science Faculty

ARONSON, JOHN N., Tempe, Microbiology
HILL, LOUIS A., Jr., Tempe, Engineering
KRIEGH, JAMES D., Tucson, Engineering

Secondary School Teachers

BARTON, WILLIAM B., Phoenix, Mathematics
BRODERICK, ROBERT V., Phoenix, Mathematics
BUCHALTER, BARBARA D., Tucson, Mathematics
HITCHCOCK, C. M., Jr., Tucson, Botany

ARKANSAS

Graduate

FULLER, ROY J., Malvern, Mathematics
GRAMLICH, JIM V., Charleston, Botany
LANE, FORREST E., Fayetteville, Botany
PARCHMAN, LONNIE G., Brinkley, Genetics

Cooperative Graduate

GODWIN, WALTER E., Hot Springs, Chemistry
GRIFFIS, CARL L., Little Rock, Engineering
WEATHERFORD, WENDELL L., Newport, Physics

Postdoctoral

MANUEL, OLIVER K., Fayetteville, Physics

Science Faculty

CANGELOSI, VINCENT E., Fayetteville, Economics
COGBURN, CECIL O., Fayetteville, Engineering
DEAVER, FRANKLIN K., Fayetteville, Engineering
HEIPLE, LOREN R., Fayetteville, Engineering
Secondary School Teachers
CORDER, OLGA B., Mountainview, General Science
MELTON, PATSY J., Poyen, Mathematics

CALIFORNIA

Graduate

ABARBANEL, HENRY D. I., Beverly Hills, Physics
AGOSTON, MAX K., Atherton, Mathematics
AHUMADA, ALBERT J., Jr., Los Angeles, Psychology
ALDERMAN, DONALD W., Lancaster, Physics
ALDERSON, DANIEL J., Tujunga, Astronomy
ANKENBRANDT, CHARLES M., Albany, Physics
ARING, KENNETH B., Mentone, Physics
BACHELIS, GREGORY F., Sausalito, Mathematics
BAGGEROER, ARTHUR B., Carmichael, Engineering
BARKER, DAVID L., Pasadena, Biochemistry
BARNES, LYNNE R., Los Angeles, Mathematics
BEATTY, KENNETH W., Weed, Zoology
BECK, BARBARA H., Berkeley, Chemistry
BENNETT, LARRY E., San Diego, Chemistry
BLAKE, JOHN T., Los Angeles, Engineering
BLASGEN, MICHAEL W., Santa Monica, Engineering
BLUE, JAMES L., Pasadena, Physics
BOLLINGER, JOHN A., San Diego, Physiology
BRADBURY, JACK W., Balboa, Physiology
BRADLEY, GERALD L., Tulare, Mathematics
BRICMONT, ODETTE F., Los Gatos, Earth Sciences

BROWN, JEROME R., Hillsborough, Astronomy
 BROWN, LAWRENCE D., Beverly Hills, Mathematics
 BRYANT, DONALD G., Stanford, Earth Sciences
 BURCH, STEPHEN H., Stanford, Earth Sciences
 CARTER, BENJAMIN P., Berkeley, Physics
 CASTOR, JOHN I., Fresno, Astronomy
 CAUSEY, ROBERT L., San Gabriel, History and Philosophy of Science
 CHESTER, ARTHUR N., Pasadena, Physics
 CHRISTENSEN, DOUGLAS A., Oildale, Engineering
 CLARK, ALAN R., San Jose, Physics
 CLAUSER, MILTON J., Altadena, Physics
 COCCHIARELLA, NINO B., Los Angeles, History and Philosophy of Science
 COLE, CARL P., Oakland, Chemistry
 COLLINS, CURTIS A., San Luis Obispo, Oceanography
 COOL, TERRILL A., Pasadena, Engineering
 COOPER, JAMES A., Palo Alto, Engineering
 COTTRELL, CALVERT B., Menlo Park, Anthropology
 COURTS, STEPHEN M., San Diego, Biochemistry
 CRAPO, LAWRENCE M., Porterville, Chemistry
 DALTON, EDWARD K., Riverside, Physics
 DANIEL, JAMES W., Palo Alto, Mathematics
 DAUBER, PHILIP M., Los Angeles, Physics
 DAVIS, LARY V., Berkeley, Zoology
 DAVIS, THOMAS J., Fresno, Earth Sciences
 DEFOREST, TABER, Jr., Stanford, Physics
 DELAMATER, JOHN D., Goleta, Psychology
 DELANY, VINCENT M., Berkeley, Physics
 DEWITT, WALTER G., III, Oakland, Chemistry
 DRAKE, DANIEL L., Oakland, Biochemistry
 DUDLEY, PRISCILLA P., Berkeley, Earth Sciences
 DUNCAN, JOHN R., Jr., Los Angeles, Earth Sciences
 DUNCAN, TYRONE E., Los Angeles, Engineering
 ELLIOTT, RAYMOND L., La Mesa, Earth Sciences
 ELLIS, DAVID J., Whittier, Chemistry
 FAIA, MICHAEL A., Los Angeles, Sociology
 FICKES, GARRY N., Oakland, Chemistry
 FLATTE, STANLEY M., Los Angeles, Physics
 FRANCIS, WILLIAM J., Berkeley, Zoology
 FRANKEL, RICHARD B., Berkeley, Chemistry
 GETZINGER, RICHARD W., Oakland, Engineering
 GINSBERG, EDWARD S., Sunnyvale, Physics
 GODDARD, WILLIAM A., III, Pasadena, Engineering
 GOLD, VIVIAN J., Los Angeles, Psychology
 GRANT, ROBERT B., Albany, Genetics
 GRAUE, DENNIS J., Pasadena, Engineering
 GRIFFIN, WILLIAM L., San Gabriel, Earth Sciences
 GRIFFITH, O. HAYES, La Verne, Chemistry
 GROSS, DEANNE H., Los Angeles, Mathematics
 GUNN, JAMES E., Pasadena, Astronomy
 HALL, ELIZABETH J., Los Angeles, Mathematics
 HAMILTON, GORDON W., Berkeley, Physics
 HARRIS, DAVID O., Berkeley, Chemistry
 HART, JOE T., Palo Alto, Psychology
 HARTWELL, LELAND H., Arlington, Biochemistry
 HAYMAKER, RICHARD W., Los Gatos, Physics
 HECHLER, STEPHEN H., San Leandro, Mathematics
 HENDRICKS, TAREAH J., La Jolla, Physics
 HENDRY, WILLIAM L., Pasadena, Engineering
 HERM, RONALD R., Berkeley, Chemistry
 HESS, RICHARD I., Albany, Physics
 HESSE, ROBERT H., Concord, Chemistry
 HILL, JANE H., Los Angeles, Anthropology
 HILL, ROGER C., Pasadena, Physics
 HOLTZMAN, STEPHEN F., Berkeley, Anthropology
 HORNELL, JAMES M., Manhattan Beach, Mathematics
 HOROWITZ, JOEL L., Pasadena, Physics
 HOSEA, JOEL C., Palo Alto, Engineering
 HUFBAUER, KARL G., Berkeley, History and Philosophy of Science
 HUGHES, EVAN E., Jr., Los Angeles, Physics
 HULD, BENT, Monrovia, Physics
 IVANETICH, RICHARD J., San Francisco, Physics
 JANZEN, DANIEL H., Berkeley, Zoology
 JOHNSON, CLARENCE D., Fresno, Zoology
 JORDAN, JO R., La Jolla, Chemistry
 JOSEPHSON, NORA S., Riverside, Physics
 KABAT, DAVID, Pasadena, Biochemistry
 KAHAN, LINDA B., Los Angeles, Zoology
 KING, JACK L., Concord, Genetics
 KLARNER, DAVID A., Eureka, Mathematics
 KOONCE, CALVIN S., Oakland, Physics
 KRUBINER, ALAN M., Albany, Chemistry
 KULA, RICHARD J., Riverside, Chemistry
 KUNTZ, IRWIN D., Jr., Berkeley, Chemistry
 LARSON, EDWIN E., Big Bear Lake, Earth Sciences
 LARSON, GERALDINE B., Berkeley, Agriculture
 LEAVER, SHERIE L., Concord, Physiology
 LETOURNEAU, JOHN J., Berkeley, Mathematics
 LEWIS, RICHARD A., Tarzana, Engineering
 LOVEDAY, DOUGLAS F., Santa Monica, Economics
 LUTES, LOREN D., Pasadena, Engineering
 MACOMBER, JAMES D., Modesto, Chemistry
 MANDELL, RICHARD L., Rosemead, Engineering
 MARCHAND, DENIS E., Arcadia, Earth Sciences
 MASTERS, GILBERT M., Los Angeles, Engineering
 MATHER, LAUREN R., Santa Ana, Physics
 MATOVICH, MARK A., Jr., San Jose, Engineering
 MAURER, CHARLES J., Stockton, Engineering
 MCCLOSKEY, DAVID J., Pasadena, Engineering
 MCCOLL, JAMES R., Oakland, Physics
 MEDARIS, LEVI G., Jr., Los Angeles, Earth Sciences
 MERZ, MARTIN D., Wasco, Engineering
 MILLER, EDWARD S., Berkeley, Physics
 MILLER, WALTER B., Malibu, Chemistry
 MILLS, DOUGLAS L., Albany, Physics
 MINTZ, LEIGH W., Berkeley, Earth Sciences
 MOLER, CLEVE B., Woodside, Mathematics
 MONTE, STEPHEN A., San Rafael, Chemistry
 MOONITZ, DAVID A., Van Nuys, Mathematics
 MORLEY, SAMUEL A., Berkeley, Economics
 MORRIS, WILLIAM G., Oakland, Engineering
 MORSE, RICHARD L., San Bernardino, Physics
 MUROY, STEVEN L., Redwood City, Chemistry
 NIETO, MICHAEL M., Los Angeles, Physics
 NOLFI, GEORGE J., Jr., Hollywood, Chemistry
 NOLL, ROGER G., Oceanside, Economics
 NULTON, JAMES D., San Diego, Mathematics
 O'CONNELL, JOHN P., Los Angeles, Engineering
 OGAN, EUGENE, Santa Barbara, Anthropology
 OGLESBY, LARRY C., Atascadero, Zoology
 OLSON, RICHARD G., Walnut Creek, History and Philosophy of Science
 OMURA, JIMMY K., San Martin, Engineering
 PALMITER, MICHAEL T., Alhambra, Mathematics

PATTERSON, RICHARD R., Berkeley, Mathematics
PEABODY, GERALD E., Berkeley, Physics
PEARSON, GERALD A., Manhattan Beach, Chemistry
PESHETTE, SUZANNE M., El Cerrito, Psychology
PIERSON, SR. MARY B., Belmont, Physiology
PLAUT, RAYMOND H., Los Angeles, Engineering
POLIS, DENNIS F., Van Nuys, Physics
PRATA, STEPHEN W., Sacramento, Astronomy
PRATT, LEE H., Oakland, Botany
QUINN, DANIEL J., San Jose, Physics
REGAS, JAMES L., San Lorenzo, Astronomy
REIN, ALAN R., Mill Valley, Microbiology
RICHIE, KENNETH E., Los Angeles, Physics
RICKLEFS, ROBERT E., Pebble Beach, Biology
RILES, JAMES B., Huntington Park, Mathematics
ROCHKIND, MARK M., Albany, Chemistry
RONY, PETER R., Albany, Engineering
ROOT, RICHARD E., Albany, Biology
ROSENBERG, BARR M., El Cerrito, Economics
ROSS, ROBERT T., Albany, Chemistry
ROTHSCHILD, BRUCE L., Los Angeles, Mathematics
ROYALL, RICHARD M., Palo Alto, Mathematics
RUBEN, GEORGE C., Berkeley, Chemistry
RUBIN, MERRY M., Berkeley, Biophysics
RYAVRC, CHARLES A., Santa Monica, Mathematics
SARGENT, MALCOLM L., Redwood City, Microbiology
SCHLAUG, ROBERT N., Albany, Engineering
SCHMIDT, CLIFFORD L., San Jose, Biology
SCHROT, SR. MARIS S., Los Angeles, Mathematics
SCHULZ, SR. M. RICHARDIS, Oakland, Botany
SCHWARTZ, MARTIN A., Mountain View, Chemistry
SECOR, GLENN A., Sacramento, Engineering
SEIDMAN, JOEL B., Los Angeles, Physics
SHORACK, GALEN R., Mountain View, Mathematics
SIEGEL, PAUL M., Los Angeles, Sociology
SILVERMAN, DENNIS J., Los Angeles, Physics
SINGMASTER, DAVID B., Berkeley, Mathematics
SKIDMORE, LIONEL J., Inglewood, Engineering
SMITH, JAMES G., Culver City, Earth Sciences
SMITH, JEROME A., Pasadena, Engineering
SMOLLER, CAROLYN G., Berkeley, Physiology
SNEED, JOSEPH D., Palo Alto, History and Philosophy of Science
STEA, DAVID, Menlo Park, Psychology
STEVENSON, PHILIP E., Menlo Park, Chemistry
STIFFLER, PRICE E., Jr., Berkeley, Mathematics
STOLARSKY, KENNETH B., San Diego, Mathematics
STRATHMANN, RICHARD R., Claremont, Biology
SUELEZ, LARRY R., Stanford, Physics
TAYLOR, HOWARD M., Stanford, Mathematics
TAYLOR, ROBERT W. W., Torrance, Mathematics
TELLER, DAVID C., Berkeley, Biochemistry
TELLER, DAVIDA Y., Berkeley, Psychology
THIBLE, ALAN G., Sherman Oaks, Engineering
THOMAS, DONALD D., Morgan Hill, Chemistry
TREIMAN, DONALD J., Los Angeles, Sociology
TRIBE, LAURENCE H., San Francisco, Mathematics
ULRICH, JAMES W., Los Angeles, Mathematics
ULRICH, ROGER K., El Cerrito, Astronomy
VANTILL, HOWARD J., Ripon, Physics
VIALE, RICHARD O., Davis, Biophysics
VICTOR, JUDITH C., Los Angeles, History and Philosophy of Science
WALLACH, DANIEL, Los Angeles, Chemistry
WASHBURN, SHERWOOD, Berkeley, Mathematics
WATTERS, GARY Z., Menlo Park, Engineering
WEBSTER, DALE A., Albany, Biochemistry
WEIR, WILLIAM D., Arcadia, Chemistry
WERSEL, ORTWIN A., Los Angeles, Chemistry
WHITNEY, THOMAS A., Los Angeles, Chemistry
WIESNER, JOHN C., Daly City, Engineering
WILSON, WALTER D., Berkeley, Engineering
WOLF, JOSEPH A., Jr., Los Angeles, Engineering
WOLFF, RICHARD J., Berkeley, Physics
WOLVERTON, FRANKLIN B., Pasadena, Physics
WOOD, LOWELL L., Jr., Simi, Chemistry
YELLIN, STEVEN J., Los Angeles, Physics
ZACHER, ALBERT R., Fresno, Physics
ZIMMERMAN, PETER D., Los Angeles, Physics
ZUPP, RICHARD R., Stanford, Engineering

Cooperative Graduate

ADAMS, WILLIAM W., Hawthorne, Mathematics
ALBERT, HARRISON B., St. Helena, Chemistry
ARNOLD, DAVID O., Oakland, Sociology
ARNUST, CLIFFORD W., Playa del Rey, Mathematics
BARRETT, JAMES T., Mountain View, Engineering
BENDER, EDWARD A., Sacramento, Mathematics
BERICK, ALAN C., Santa Monica, Physics
BLUM, ROBERT A., Berkeley, Economics
BRACHER, KATHERINE, Claremont, Astronomy
BROOKES, JOHN A., Los Angeles, Microbiology
BROWN, DONALD E., Torrance, Anthropology
CHALMERS, JOHN H., Jr., La Jolla, General Biology
CLIFTON, CHARLES E., Jr., Los Altos, Psychology
COVER, THOMAS M., San Bernardino, Engineering
CRAIG, THEODORE W., Sacramento, Chemistry
CROW, STEVEN C., Arcadia, Engineering
DAETZ, DOUGLAS, Redwood City, Engineering
DASHEN, ROGER F., Redding, Physics
DAVIDSON, JON R., Palo Alto, Psychology
DAVIS, DONALD R., Ridgecrest, Chemistry
DAVIS, STEPHEN L., Oakland, Biophysics
DAY, ROBERT J., Pomona, Chemistry
DEGASTON, ALEXIS N., Los Angeles, Physics
DOKKEN, RODNEY D., Sacramento, Engineering
DONER, JOHN E., Monterey Park, Mathematics
DOYEN, JOHN T., Berkeley, Zoology
DYER, MICHAEL N., Hollywood, Mathematics
ELLIGER, CARL A., Sacramento, Chemistry
EMERSON, DAVID N., Dos Palos, Zoology
EMERSON, WILLIAM R., Los Angeles, Mathematics
ENGLEMAN, VICTOR S., Los Angeles, Engineering
FITTS, AMELIA, Malibu, Sociology
FLYNN, CHARLES M., Jr., Sherman Oaks, Chemistry
FOSTER, LORRAINE I., Pasadena, Mathematics
FRITSCH, FREDERICK N., Berkeley, Mathematics
GALLIN, DANIEL, Los Angeles, Mathematics
GATES, BRUCE C., El Cerrito, Engineering
GIVER, LAWRENCE P., San Jose, Astronomy
GOULD, HARVEY A., Walnut Creek, Physics

GRANT, ALVA D., Claremont, Botany
 GREENE, MICHAEL P., La Jolla, Physics
 GREF, LYNN G., El Cajon, Mathematics
 GREYER, DAVID M., Palo Alto, Economics
 HAIN, DONNA D., San Diego, Mathematics
 HAINLINE, LYDIA J., San Bernardino, Anthropology
 HALEY, KENNETH W., Oakland, Engineering
 HANDEL, SIDNEY B., Berkeley, Economics
 HENYEF, FRANK S., El Cerrito, Physics
 HOFFMANN, MARGARET S., Berkeley, Linguistics
 HOLLAND, PAUL W., Mountain View, Mathematics
 HORTON, FENN C., Covina, Economics
 JAMES, LEONARD D., Palo Alto, Engineering
 JENKINS, EDWARD B., Berkeley, Physics
 JENSEN, CARL A., Los Angeles, Chemistry
 JOHNSON, ROBERT P., San Diego, Mathematics
 KAMINS, THEODORE I., San Francisco, Engineering
 KENDIG, KEITH M., Santa Monica, Mathematics
 KIGER, JOHN A., Jr., Pasadena, General Biology
 KIRKPATRICK, KIM A., San Diego, Physics
 KIRSCHENBAUM, JACK, La Puente, Psychology
 KLEIN, STANLEY A., Ontario, Physics
 KNUDSEN, MARK F., Berkeley, Zoology
 KOCHER, CARL A., Stanford, Physics
 KRUSE, ROBERT L., Pasadena, Mathematics
 LAMPTON, MICHAEL L., Santa Monica, Physics
 LEVY, DONALD J., Hollywood, Physics
 LYNCH, HARVEY L., Palo Alto, Physics
 LYNCH, RICHARD W., Corcoran, Engineering
 MACHINA, KENTON F., Redwood City, Mathematics
 MANN, MICHAEL M., Hawthorne, Engineering
 MARSHALL, ROBERT E., Sacramento, Physics
 MATTHEWS, JOHN W., Pasadena, Engineering
 MAXWELL, DOUGLAS L., Berkeley, Mathematics
 MCAFEE, JOHN R., Long Beach, Physics
 MCCREADY, THOMAS A., Sonora, Mathematics
 MERRILL, ALBERT W., La Canada, Engineering
 MILMAN, GREGORY, Los Angeles, Biophysics
 MORRIS, CARL N., San Diego, Mathematics
 MORSE, GARTH E., Riverside, Physics
 MORSE, JOSEPH G., Novato, Chemistry
 MULLIN, FRANK E., Los Gatos, Mathematics
 MURPHY, COLLIN G., Berkeley, Genetics
 MYERS, WILLIAM D., Berkeley, Physics
 NEARING, JAMES C., Inglewood, Physics
 NELSON, PATRICIA A., Los Alamitos, Sociology
 NEWMARK, RICHARD A., Berkeley, Chemistry
 NORRIS, CARROLL B., Jr., Los Altos, Engineering
 OATES, WALLACE E., Stanford, Economics
 ORENTLICHER, MORTON, Berkeley, Engineering
 OSGOOD, CHARLES F., Berkeley, Mathematics
 PEARSON, CHARLES J., Anaheim, Physics
 RAUGH, MICHAEL R., Van Nuys, Mathematics
 REYNER, THEODORE A., Chico, Engineering
 RICHARDS, WILLIAM R., Atascadero, Chemistry
 RIDER, DANIEL G., Santa Ana, Mathematics
 RIPKA, WILLIAM C., Long Beach, Chemistry
 ROBBINS, LEE P., Van Nuys, Economics
 ROBINSON, NORMAN F., Riverside, Mathematics
 ROBINSON, NORMAN O., Jr., San Pedro, Engineering
 ROCK, PETER A., Albany, Chemistry
 RODRIGUEZ, SERGIO E., West Covina, Engineering
 ROHRER, RONALD A., Berkeley, Engineering
 RUSSELL, RALPH R., Santa Barbara, Economics
 SALAMON, MYRON B., Oakland, Physics
 SCHAFFER, MICHAEL J., Encino, Engineering
 SCHIMBOR, RICHARD F., Walnut Creek, Chemistry
 SHAPIRO, ROBERT H., Stanford, Chemistry
 SHEELER, PHILIP, Los Angeles, Zoology
 SHERRILL, THOMAS J., Berkeley, Astronomy
 SHERWOOD, ARNOLD I., La Jolla, Physics
 SHIPSEY, EDWARD J., Red Bluff, Chemistry
 SLOBIN, STEPHEN D., San Marino, Engineering
 SMART, WESLEY M., Oakland, Physics
 SMITH, DAVID A., Los Angeles, Biochemistry
 SMITH, LESTER V., Jr., Stockton, Chemistry
 SMITH, PRESTON G., Jr., La Crescenta, Engineering
 SNYDER, RUSSELL L., La Jolla, Oceanography
 SOOHO, KEITH M., Los Angeles, Engineering
 SPALDING, JOAN N., Los Angeles, Genetics
 SPERRY, WILLARD C., Davis, Physics
 SPILERMAN, SEYMOUR, Los Angeles, Engineering
 STOMP, MICHAEL J., Sacramento, Physics
 STORER, THOMAS F., Sherman Oaks, Mathematics
 TANKERSLEY, DONALD L., Orland, Chemistry
 TAYLOR, JAMES G., West Covina, Engineering
 TEAGUE, CALVIN C., Los Altos, Engineering
 THOMAS, EDWARD S., Jr., Riverside, Mathematics
 THOMSON, MICHAEL R., Santa Monica, Economics
 TRAGER, GEORGE W., Berkeley, Microbiology
 TRAVIS, MICHAEL R., Oakland, Physics
 WARD, CALVIN B., Venice, Physics
 WARNER, KENNETH K., Bakersfield, Mathematics
 WATERS, JAMES F., Santa Barbara, Zoology
 WATSON, H. LEE, Jr., San Diego, Physics
 WATSON, PRISCILLA, San Francisco, Physics
 WHITTIER, RONALD J., Mountain View, Engineering
 WILDER, PATRICIA A., Upland, Botany
 WILEY, MICHAEL D., Long Beach, Chemistry
 WILLIAMSON, STANLEY G., Santa Barbara, Mathematics
 YALE, IRL K., Berkeley, Mathematics
 YEATON, MARY A., Berkeley, Mathematics
 ZELVER, JACK S., Berkeley, Mathematics

Graduate Teaching Assistant

AKASAKI, TAKEO, Monterey Park, Mathematics
 ALVAREZ, WALTER S., Berkeley, Earth Sciences
 BACHELIS, GREGORY F., Sausalito, Mathematics
 BECKWITH, HOWARD B., Long Beach, Mathematics
 BERRY, SARA S., Pasadena, Economics
 BISHOP, LEWIS G., Santa Monica, Biophysics
 BOTTGER, GARY L., South Gate, Chemistry
 BRAUN, DONALD E., Stockton, Chemistry
 BROWN, LARRY C., San Diego, Chemistry
 CAMPBELL, HOWARD W., Los Angeles, General Biology
 CHASE, PHILLIP J., Pasadena, Mathematics
 COCCHIARELLA, NINO B., Los Angeles, History and Philosophy of Science
 CURREY, DONALD R., Banning, Earth Sciences
 DIXON, MARLENE D., Venice, Sociology

- DOLBEAR, GEOFFREY E., Redwood City, Chemistry
 DUNCAN, JOHN R., Jr., Los Angeles, Earth Sciences
 ELINSON, HOWARD, Los Angeles, Sociology
 ELLIOTT, RAYMOND L., La Mesa, Earth Sciences
 EVANS, DAVID H., Menlo Park, General Biology
 EVANS, KENNETH J., Riverside, Zoology
 GAUDET, JOHN J., Berkeley, Botany
 GHENT, EDWARD D., Berkeley, Earth Sciences
 GOGERTY, DAVID C., La Crescenta, Economics
 GORDON, DUDLEY C., II, Los Angeles, Sociology
 GRANAY, DANIEL O., San Francisco, Zoology
 GREYER, DAVID M., Palo Alto, Economics
 HARDHAM, WILLIAM M., Pasadena, Chemistry
 HEINSOHN, GEORGE E., Orinda, General Biology
 HILL, HENRY H., Pasadena, Physics
 HOBSON, RICHARD D., Sierra Madre, Earth Sciences
 HOLLISTER, LINCOLN S., Pasadena, Earth Sciences
 HYATT, RONALD C., Palo Alto, Engineering
 JORDAN, BERNARD W., Jr., Anaheim, Engineering
 KINSEY, ROBERT R., Albany, Physics
 KRAY, LOUIS R., Riverside, Chemistry
 KROEZE, MADELEINE A., Whittier, Psychology
 LANDOLFI, JOHN G., San Francisco, Mathematics
 LARSEN, RONALD J., Palo Alto, Mathematics
 LENN, ROBIN C., San Francisco, Zoology
 LOEB, PETER A., El Cerrito, Mathematics
 LYNCH, HARVEY L., Palo Alto, Physics
 McCAFFREY, JOHN D., San Francisco, Anthropology
 MIHALAS, DIMITRI M., Los Angeles, Astronomy
 MORSE, JOSEPH G., Novato, Chemistry
 MORTON, LINDA L., Alhambra, Microbiology
 MOSHER, LOREN C., Santa Barbara, Earth Sciences
 NORWOOD, FREDERICK R., Los Angeles, Engineering
 NOWER, LEON, Palo Alto, Mathematics
 PARSONS, RONALD G., Stanford, Physics
 PIPPIN, WALLACE H., Davis, Chemistry
 PLATT, GERALD M., Los Angeles, Sociology
 PUBLEIS, GINA A., Berkeley, Botany
 ROSE, CHARLES B., Berkeley, Chemistry
 SARGIS, DAVID A., Berkeley, Engineering
 SCHMID, STUART G., Santa Monica, Economics
 SCOTT, JOHN F., Berkeley, Sociology
 SCOTT, NORMAN J., Jr., Los Angeles, General Biology
 SHARP, ROBERT V., Pasadena, Earth Sciences
 SHLEMON, ROY J., Berkeley, Earth Sciences
 STARR, JOHN E., Stanford, Chemistry
 STAVROU, HELEN, Riverside, Zoology
 SURDAM, RONALD C., Temple City, Earth Sciences
 SILVESTER, ARTHUR G., South Pasadena, Earth Sciences
 TANKERSLEY, DONALD L., Orland, Chemistry
 THAYER, SANFORD B., Atherton, Engineering
 TROUTMAN, JOHN L., Los Altos, Mathematics
 TRUE, DELBERT L., Fallbrook, Anthropology
 TYSON, GRETA E., Berkeley, Zoology
 TYSON, JOHN A., Carlsbad, Physics
 UREY, JOHN C., Pasadena, Biochemistry
 VANHECKE, GERALD R., Rosemead, Chemistry
 WAKE, MARVALEE H., Los Angeles, Zoology
- WATERBURY, RONALD G., Venice, Anthropology
 WATSON, PRISCILLA, San Francisco, Physics
 WEBB, SAWNEY D., Thermal, Earth Sciences
 WEIST, KATHERINE M., Los Altos, Anthropology
 WERTHEIM, GEORGE A., Menlo Park, Psychology
 WHITESIDE, DONALD, Stanford, Sociology
 WIBERG, DONALD M., Pasadena, Engineering
 WILEY, MICHAEL D., Long Beach, Chemistry
 WILLIAMSON, STANLEY G., Santa Barbara, Mathematics
 WILLIS, EDWIN O., Berkeley, Zoology
 WINSTON, GORDON C., Stanford, Economics
- Postdoctoral*
- ALLARA, DAVID L., Los Angeles, Chemistry
 APPLEMAN, M. MICHAEL, Pacific Palisades, Biochemistry
 BRANDOW, BAIRD H., Valley Center, Physics
 BURNETT, DONALD S., El Cerrito, Earth Sciences
 CARLTON, TERRY S., Berkeley, Chemistry
 CLOUGH, RAY W., El Cerrito, Engineering
 COHEN, DAVID H., Walnut Creek, Psychology
 CURRENT, JERRY H., Albany, Chemistry
 DUNN, IRVING J., Orinda, Engineering
 EDELSTEIN, ALAN S., Stanford, Physics
 FRANKLIN, STANLEY P., Los Angeles, Mathematics
 GLAESER, ROBERT M., Berkeley, Biophysics
 GRIFFIN, DAVID H., Berkeley, Biology
 HAMILTON, WILLIAM O., Mountain View, Physics
 HONEYWELL, WALLACE I., San Gabriel, Chemistry
 JANTSCHER, GERALD R., Fontana, Economics
 KALB, AARON J., Davis, Biophysics
 KIRZ, JANOS, Berkeley, Physics
 KONRAD, MICHAEL W., Berkeley, Biophysics
 LAMBERT, BERND, Berkeley, Anthropology
 LAWLER, RONALD G., Selma, Chemistry
 LIGHTNER, DAVID A., Bakersfield, Chemistry
 MCCALL, JOHN J., Canoga Park, Economics
 MCNIVEN, HUGH D., Berkeley, Mathematics
 MOTE, CLAYTON D., Jr., Berkeley, Engineering
 MURRAY, CHARLES L., Menlo Park, Medical Sciences
 ORLOSKI, RAYMOND F., Los Angeles, Chemistry
 PEDERSON, DONALD O., Berkeley, Engineering
 POIRIER, JOHN A., Berkeley, Physics
 PRYOR, GORDON T., Richmond, Mathematics
 RALSTON, HENRY J., III, San Francisco, Zoology
 SALANS, LESTER B., Menlo Park, Medical Sciences
 SALTIEL, JACK, Inglewood, Chemistry
 SCHNIEWIND, ARNO P., El Cerrito, Agriculture
 SHAPIRO, KENNETH A., Los Angeles, Physics
 SHARP, DAVID H., Pasadena, Physics
 SILVERSTONE, HARRIS J., Pasadena, Chemistry
 SIMPSON, KENNETH L., Monterey, Biochemistry
 SIMPSON, PAUL G., Wilmington, Chemistry
 SIMS, JAMES J., Los Angeles, Chemistry
 SMITH, GERALD J., Jr., Berkeley, Mathematics
 SOSNICK, STEPHEN H., Davis, Mathematics
 TAYLOR, PETER B., La Jolla, Chemistry
 TUCKER, VANCE A., Los Angeles, Physiology
 WILLEY, FREDERICK G., Berkeley, Chemistry
 WILLIAMS, JOHN A., Berkeley, Astronomy

WOJCICKI, STANLEY G., Berkeley, Physics
YEE, KANE S., San Francisco, Mathematics

Senior Postdoctoral

AITKEN, HUGH G. J., Riverside, Economics
ALDER, BERNI J., Livermore, Physics
FRIGEN, GEORGE A., Palo Alto, Medical Sciences
GIBBONS, JAMES F., Palo Alto, Physics
GOULD, ROY W., Pasadena, Physics
GREEN, MELVIN M., Davis, Genetics
HILDEMANN, WILLIAM H., Los Angeles, Genetics
HOWELL, JAMES E., Palo Alto, Economics
LAURITSEN, THOMAS, Pasadena, Physics
LIDICKER, WILLIAM Z., Jr., Berkeley, Biology
NOYCE, DONALD S., Berkeley, Chemistry
REYNOLDS, JOHN H., Berkeley, Physics
SCHWAB, WILLIAM H., Palo Alto, Engineering
SELVIN, HANAN C., Berkeley, History and Philosophy of Science
STOCKING, C. RALPH, Davis, Botany
VAUGHT, ROBERT L., Berkeley, Mathematics
WEMPNER, GERALD A., Berkeley, Engineering

Science Faculty

ALCORN, CAROL R., Bakersfield, Mathematics
ANDERSON, CLYDE L., San Bernadino, Chemistry
AUBBACH, MILTON I., Van Nuys, Mathematics
BENTON, CLIFFORD S., Santa Barbara, Chemistry
CAMPBELL, JAMES A., El Camino, Chemistry
CARTER, ALAN B., Fullerton, Mathematics
COGSWELL, HOWARD L., Oakland, Zoology
DEMSEY, WESLEY H., Chico, Genetics
FRY, WALTER C., San Pablo, Mathematics
GECHTMAN, MURRAY, Los Angeles, Mathematics
HERBST, ALBERT F., La Verne, Mathematics
HUANG, FRANCIS F., San Jose, Engineering
HURT, HUGH H., Jr., Los Angeles, Engineering
JONES, LINCOLN D., San Jose, Engineering
KERRI, KENNETH D., Sacramento, Engineering
LIEBERMAN, LEONARD, Bakersfield, Anthropology
LINT, HAROLD L., San Luis, Botany
MARA, WALTER T., Monterey, Mathematics
MERRILL, DAVID M., Santa Barbara, Mathematics
MERTES, DAVID H., Stockton, Zoology
NEWMAN, DONALD G., San Jose, Engineering
PALMER, BERNARD, Farmingdale, Anthropology
PAYNE, JAMES R., Monterey, Mathematics
PIERCE, ALBERT, Northridge, Mathematics
ROBINSON, STANLEY F., Pasadena, Mathematics
SANBORN, HOWARD P., San Leandro, Biology
SANKS, ROBERT L., Spokane, Engineering
SMITH, DEBOYD L., Monterey, Physiology
WHITEKER, ROY A., Claremont, Chemistry
WILLIAMS, FLOYD J., Redlands, Earth Sciences
WOODBURY, RICHARD C., Provo, Engineering
WULFF, JOHN L., Sacramento, Mathematics

Summer Fellowships for Secondary School Teachers

BAIR, WILLIAM P., Pasadena, Mathematics
EDMONDS, VAUGHAN W., Long Beach, Biology
EMERSON, DAVID N., Dos Palos, Zoology
ENYART, JESSIE J., Fresno, Mathematics
ESSEL, DAVID H., Ojai, Botany

FIELDS, LORRAINE S., Fresno, Mathematics
FLANIGAN, GEORGE E., San Diego, Biology
GAUDIN, ANTHONY J., Los Angeles, Zoology
GAWLIK, SR. M. EVELYN, Santa Fe Springs, Microbiology
GOOKIN, WILLIAM E., San Diego, General Science
HARDEN, WILLARD W., El Segundo, Zoology
HEINZE, ARLEY W., Morgan Hill, Biology
HUNTER, WHITEFORD L., Barstow, Biology
JENKINS, DON L., Santa Fe Springs, Botany
JONES, JIMMIE N., Yuba City, Mathematics
KARAZISSIS, NICOLAS, Sherman Oaks, Biology
KNAUPT, JONATHAN E., Crescent City, Mathematics
KOBAN, JOHN J., Jr., Banning, Biology
LAZANSKY, ELENORE M., Oakland, Mathematics
LINDSAY, EVERETT H., Yuba City, Earth Sciences
NAKAMURA, KAZUKO, Los Angeles, Biology
NELSON, DALE D., San Jose, Chemistry
RANDOL, DONALD L., Garden Grove, Mathematics
RUSSELL, ROBERT G., Union City, Mathematics
SPENCE, ROBERT D., Lakewood, Mathematics
TEMMINS, ALBERT, Redondo Beach, Mathematics
WAITE, MERWIN L., Gardena, Mathematics
WALKER, JAMES W., Lawndale, Mathematics

COLORADO

Graduate

ANDERSEN, ALICE L., Lakewood, Biology
BARTH, THEODORE J., Colorado Springs, Mathematics
BERKELEY, PETER J., Jr., Boulder, Chemistry
CHAPPELL, WILLARD R., Colorado Springs, Physics
DULK, GEORGE A., Golden, Earth Sciences
ELSBERRY, RUSSELL L., Platteville, Engineering
HEIDGER, PAUL M., Jr., Lakewood, Zoology
HOLLAND, RICHARD L., Boulder, Zoology
IRWIN, HENRY J., Morrison, Anthropology
JESSUP DAVID M., Greeley, Biology
KJELDGAARD, EDWIN A., Brush, Chemistry
KRIEGER, HENRY A., Denver, Mathematics
MANNING, DEAN D., Grand Junction, Microbiology
MORGAN, BARBARA J., Fort Collins, Psychology
NAYLOB, RICHARD S., Denver, Earth Sciences
PRICE, RICHARD M., Manitou Springs, Astronomy
ROBERTS, JOEL L., Englewood, Mathematics
SCHLEIF, ROBERT F., Denver, Physics
SHIER, GEORGE D., Golden, Chemistry
SOWARDS, JACK W., Morrison, Engineering
STONE, GEORGE T., Cowdrey, Earth Sciences
TAUSSIG, MICHAEL K., Pueblo, Economics
VOGEL, BEATRICE R., Boulder, Zoology
WATERHOUSE, WILLIAM C., Denver, Mathematics
WISEMAN, JOHN R., Boulder, Chemistry
YOUNG, CHAPMAN, III, Castle Rock, Earth Sciences

Cooperative Graduate

BEM, DARYL J., Denver, Psychology
BINDER, FRANK H., III, Boulder, Mathematics
DEWEY, FRED M., Boulder, Chemistry

DEYOUNG, DAVID S., Colorado Springs, Physics
GREENE, DAVID L., Boulder, Anthropology
HEWETT, LIONEL D., Denver, Physics
KERST, AL F., Fort Collins, Chemistry
KLODT, DONALD T., Denver, Engineering
LEHMAN, JOHN W., Boulder, Chemistry
MARSTON, NORMAN L., Hartman, Zoology
ROBINSON, CLARENCE W., Jr., Pueblo, Engineering
SHIER, JOHN S., Golden, Physics
WIESELMANN, PAUL A., Colorado Springs, Engineering

Graduate Teaching Assistant

BARR, DONALD R., Fort Collins, Mathematics
BOGGS, SAM, JR., Boulder, Earth Sciences
DOUGHERTY, MARGARET A., Fort Collins, Microbiology
ECKHARDT, CRAIG J., Broomfield, Biochemistry
ESCH, GARY F., Colorado Springs, Mathematics
FENDRICH, JOHN W., Boulder, Mathematics
FINE, LOUIS A., Denver, Mathematics
GIBSON, ARCHIE G., Greeley, Mathematics
GOLD, ANN, Greeley, Zoology
GREENE, DAVID L., Boulder, Anthropology
GUERTIN, CAROL J., Boulder, Psychology
HARPER, MELVIN L., Boulder, Earth Sciences
HAY, ARTHUR J., Denver, Chemistry
HELMAN, WILLIAM P., Grand Junction, Chemistry
JUDY, MILLARD M., Golden, Physics
LEE, DONALD E., Denver, Engineering
PAIST, DONALD A., Denver, Earth Sciences
RAMALEY, WILLIAM C., Denver, Mathematics

Postdoctoral

BIRKY, CARL W., Jr., Fort Collins, Genetics
JAFFE, ROBERT B., Littleton, Medical Sciences
PEBBY, CAROL L., Montrose, Mathematics
SHARP, JOHN V., Boulder, Earth Sciences

Science Faculty

BRADT, ALBERT J., Boulder, Engineering
BROWN, ROBERT Z., Colorado Springs, Biology
BUDAK, ARAM, Fort Collins, Engineering
EAGER, WILLIAM R., Boulder, Engineering
HULTQUIST, PAUL F., Boulder, Mathematics

Summer Fellowships for Secondary School Teachers

BANK, EVELYN R., Westminster, Chemistry
CONKLIN, AUGUST, Boulder, Biology
GILKEY, CHARLES G., Denver, Biology
SCHLUP, DON D., Denver, Biology
STEEN, MARSHALL T., Meeker, Biology

CONNECTICUT

Graduate

ANDEEN, GERRY B., New Canaan, Engineering
ASH, J. MARSHALL, Stamford, Mathematics
BARKENTIN, ELIZABETH L., Cos Cob, Psychology
BRITTON, JOHN P., Bloomfield, History and Philosophy of Science
CARLSON, RAYMOND G., New Haven, Engineering
DEFOE, JOHN D., West Hartford, Biochemistry
DOWNS, HELEN H., Pine Orchard, Engineering
DUNNING, JOHN R., Jr., Sherman, Physics
EVANSON, JACOB T., New Haven, Psychology

FANNING, ANTHONY D., Middlebury, Mathematics
FERRAR, JOSEPH C., North Branford, Mathematics
FLYNN, GEORGE W., Jr., Hartford, Chemistry
FULTON, WILLIAM E., Darien, Mathematics
GOWDY, ROBERT H., Rockville, Physics
JOHNSTON, JOAN E., Ansonia, Zoology
KOWALSKI, ROBERT A., Milford, Mathematics
KOZLOWSKI, GEORGE A., Jr., Middletown, Mathematics
LABINE, PATRICIA A., Somers, Biology
LASKER, BARRY M., West Hartford, Astronomy
NICHOLS, DONALD A., Hamden, Economics
NORTH, DANIEL W., Wilton, Physics
OAKS, EMILY C., New Haven, Zoology
PENCFER, RUDOLF E., Fairfield, Physics
PEFFER, ALLEN M., Portland, Mathematics
PROKOSCH, ERIC, Old Greenwich, Anthropology
REA, MARGARET J., West Hartford, Physics
RHINES, PETER B., Glastonbury, Engineering
SCHWENK, HAROLD S., Jr., Storrs, Mathematics
SEIDMAN, ABRAHAM N., Plainfield, Physics
SHAMROTH, STEPHEN J., West Hartford, Engineering
SPERA, ANNETTE J., Glenbrook, Psychology
STEYN, RUTH, Ridgefield, Biochemistry
TSCHINKEL, WALTER R., Glastonbury, Biochemistry
WEHMANN, ALAN A., Darien, Physics

Cooperative Graduate

BERKA, LADISLAV H., Storrs, Chemistry
DENEUFVILLE, RICHARD L., West Hartford, Engineering
EBNER, CHARLES A., Mansfield Center, Physics
FREEDMAN, DANIEL Z., West Hartford, Physics
JARVIS, HAROLD F., Polton, Engineering
KERBER, ROBERT C., Wethersfield, Chemistry
KLINMAN, CYNTHIA S., Hartford, Psychology
KMETZO, JOHN W., Fairfield, Engineering
MUELLER, JOHN J., Thomaston, Chemistry
ULBRICH, HOLLEY H., Storrs, Economics
WILLIAMS, WILLIAM L., New Haven, Physics
WOODSON, JAMES L., Hartford, Zoology

Graduate Teaching Assistant

BARRANTE, JAMES R., Torrington, Chemistry
BAUM, JAMES H., West Hartford, Physics
BERKA, LADISLAV H., Storrs, Chemistry
BERKI, SYLVESTER E., New Haven, Economics
EISENSTADT, AUDREY F., New Haven, Zoology
GODFREY, ARTHUR W., Storrs, Chemistry
GOLUB, ALLYN L., Wallingford, Physiology
GRAY, GARLAND A., Jr., Wallingford, Earth Sciences
GUETHS, JAMES E., Storrs, Physics
LANGLEY, THEODORE D., Bridgeport, Psychology
LONGO, JOHN M., Windsor, Chemistry
RUTTER, EDGAR A., Jr., West Haven, Mathematics
WEINBERG, MICHAEL C., New Haven, Chemistry
WENTLAND, STEPHEN H., New Britain, Chemistry

Postdoctoral

MAGID, RONALD M., New Haven, Chemistry
POMERANTZ, MARTIN, New Haven, Chemistry
STANLEY, ROLFE S., Cheshire, Earth Sciences
TURRO, NICHOLAS J., Middletown, Chemistry

Senior Postdoctoral

BERNSTEIN, EMIL O., Storrs, Physiology
ZUCKER, MILTON L., New Haven, Biochemistry

Science Faculty

BRAND, RONALD S., Storrs, Engineering
BRIGGS, JAMES W., Provo, Mathematics
COOPERSMITH, STANLEY, Middletown, Psychology
HILDING, WINTHROP E., Storrs, Engineering

Summer Fellowships for Secondary School Teachers

DIBLASI, M. ANTONY, Sr., Stamford, Biology
FANUCCI, ARLENE J., Amity, Genetics

DELAWARE

Graduate

WORTMAN, DENNIS H., Wilmington, Mathematics

Cooperative Graduate

FARNUM, BRUCE W., Newark, Chemistry
GINN, ROBERT F., Newark, Engineering
HYNES, THOMAS V., Wilmington, Physics
INNES, JOHN E., Newark, Chemistry
KIRKPATRICK, EDWARD S., Wilmington, Physics
TOOTHILL, RICHARD B., Wilmington, Chemistry

WILLIAMS, JOHN M., Newark, Engineering

Graduate Teaching Assistant

FARNUM, BRUCE W., Newark, Chemistry
HYNES, THOMAS V., Wilmington, Physics
KENTON, GEORGE L., Wilmington, Chemistry
LEINBACH, LEWIS C., Newark, Mathematics

Postdoctoral

HEINDEL, NED D., Newark, Chemistry
LORAND, JOHN P., Wilmington, Chemistry

Science Faculty

AMES, WILLIAM F., Newark, Engineering

Summer Fellowships for Secondary School Teachers

DZURANIN, STEPHEN, New Castle, Chemistry

DISTRICT OF COLUMBIA

Graduate

ACKERBMAN, JOHN M., Biology
BELSLEY, DAVID A., Economics
CLAGUE, CHRISTOPHER K., Economics
EASTON, WILLIAM B., Mathematics
GOOR, RONALD S., Biochemistry
GRAY, CHARLES A., Engineering
HECK, HENRY D., Biochemistry
HILL, HOWARD T., Engineering
JOHNSON, ELEANOR A., Zoology
MACNAMARA JOHN P., Zoology
MUNROE, MARIAN H., Botany
RICE, JERRY M., Biochemistry
SENTURIA, STEPHEN D., Physics
SHEPLEY, LAWRENCE C., Physics

Cooperative Graduate

BETTICE, GERALD J., Biochemistry
DESJARDINS, RICHARD L., Physics
ELIOT, FRANK C., Engineering

GERRITY, THOMAS P., Jr., Engineering
GILMER, LUDWELL H., Engineering
JANNEY, GARRETH M., Physics
KAMINETSKY, LEE, Mathematics
KEELER, THOMAS L., Jr., Biophysics
MINICHIELLO, JOHN K., Physiology
OLIVER, RICHARD K., Mathematics
SOMMERFELDT, EDWARD E., Physics
SUSSMANN, ROSALINA, Chemistry

Postdoctoral

SCHOT, STEVEN H., Mathematics

Senior Postdoctoral

RUBIN, ROBERT J., Physics

Science Faculty

DOUGLASS, MATTHEW M., Engineering
HAKALA, REINO W., Chemistry
WEINBERGER, MORRIS A., Pathology

Summer Fellowships for Secondary School Teachers

HANBAHAN, PAMELA E., Biology
KAVULA, SR., M. VERNE, Earth Sciences

FLORIDA

Graduate

ALEXANDER, CHARLES N., Jr., Clearwater, Sociology
ANDERSON, LESLIE B., III, Winter Haven, Engineering
BARNES DONALD G., Tallahassee, Chemistry
BARNES, KAREN K., Tallahassee, Chemistry
BURKHARDT, THEODORE W., Nokomis, Physics
CALHOUN, MYRON A., Milton, Engineering
CARGO, DAVID P., St. Cloud, Mathematics
DAVIS, JON A., Jacksonville, Engineering
DOVER, CARL E., Orlando, Physics
ELSON, MARK A., Surfside, Mathematics
FEDDERS, PETER A., St. Petersburg, Physics
GRIESENS, RANDALL L., Tallahassee, Earth Sciences
GUNTER, KARLENE K., Fort Lauderdale, Physics
HAMILTON, ROBERT B., St. Petersburg, Zoology
HARVEY, CHARLES M., Atlantic Beach, Mathematics
JASANOFF, JAY H., St. Petersburg, Linguistics
LAMBERT, JERRY R., Live Oak, Engineering
MORRIS, ROBERT W., Eau Gallie, Biology
ROGERS, ARTHUR H., Jr., Lockhart, Physics
ROGERS, JUDITH L., Clearwater, Botany
RUCKLE, WILLIAM H., Tallahassee, Mathematics
SCHWARCZ, ROBERT M., Coral Gables, Physics
STRASEN, STEPHEN M., Sarasota, Mathematics
SULZER, JEFFERSON L., Gainesville, Psychology
WAGONER, JOHN B., Jacksonville, Mathematics
ZAME, ALAN, Coral Gables, Mathematics

Cooperative Graduate

BASCH, JERRE L., Miami, Psychology
BENT, GARY D., Orlando, Physics
BRODSKY, MARC H., Coral Gables, Physics
BURKE, WILLIAM L., St. Petersburg, Physics
DAY, B. JANE M., Gainesville, Mathematics
DIMMICK, CHARLES W., Jacksonville, Earth Sciences

FREEMAN, NEIL J., Coral Gables, Engineering
HEAD, RONALD A., Pensacola, Chemistry
HODGSON, JEFFREY W., Lakeland, Engineering
HOWARD, JAMES H., III, Daytona Beach, Earth Sciences
JONES, GRANT D., Clearwater, Anthropology
LIEBERMAN, MICHAEL A., Miami, Engineering
MEYER, JAMES W., Coral Gables, Physics
NUDELMAN, ARTHUR E., Orlando, Sociology
PARRISH, JAN T., Miami, Psychology
PAULS, DAVID E., Lakeland, Engineering
PAYNE, STANLEY E., Tallahassee, Mathematics
RIGBY, ROBERT N., Tallahassee, Physics
ROBERTSON, PHILIP B., Miami, General Biology
SHAMPINE, LAWRENCE F., Ocala, Mathematics
SHOLAR, MAURICE A., Miami, Engineering
SMITH, DOUGLAS B., Gainesville, Engineering
ST. JOHN, PETER A., Eustis, Chemistry
STARCK, WALTER A., II, Miami, Zoology
TEITELMAN, WARREN, Miami, Mathematics
UPHAM, WILLIAM K., Gainesville, Sociology
VICKERS, THOMAS J., Miami, Chemistry
WEINBERG, JACOB M., Miami, Physics

Graduate Teaching Assistant

BELZ, Donald J., Gainesville, Engineering
CHAMPION, ROY L., Gainesville, Physics
EDMUNDS, LELAND N., Jr., North Miami, Biochemistry
FACKLAM, RICHARD R., Tallahassee, Microbiology
GULKIS, SAMUEL, Miami, Physics
HERGENRODER, JOHN D., Jacksonville, Earth Sciences
JUSICK, ANTHONY T., Gainesville, Physics
KRISCHER, KENNETH N., Miami, Biochemistry
MALABY, JOHN E., Miami, Psychology
MARCUS, ALVIN B., Miami Beach, Chemistry
MEYER, JAMES W., Coral Gables, Physics
O'NEILL, PATRICIA A., Gainesville, Chemistry
PAULSON, DENNIS R., Miami, Zoology
POLLARD, CHARLES O., Jr., Tallahassee, Earth Sciences
STAAB, ROBERT A., West Palm Beach, Chemistry

Postdoctoral

GOODMAN, ROE W., Lakeland, Mathematics
HREN, JOHN J., St. Petersburg, Engineering
NEALY, DAVID L., Sarasota, Chemistry

Senior Postdoctoral

ANDREWS, JAMES J., Tallahassee, Mathematics
MUSCHLITZ, EARLE E., Jr., Gainesville, Chemistry

Science Faculty

CLINTON, JAMES H., Marianna, Biology
CRANE, BETTYE R., Tampa, Mathematics
FOGARTY, WILLIAM J., Miami, Engineering

Summer Fellowships for Secondary School Teachers

DATES, ROBERTA M., Miami, Biology
HERNDON, JULIA J., Orlando, Zoology
MARSHALL, EDDIE B., Jacksonville, Zoology
NANNEY, JAMES L., Miami, Mathematics

GEORGIA

Graduate

ANDERSON, ALBERT S., III, Atlanta, Physics
BOWDEN, SANDRA T., Arlington, Botany
BRAMBLETT, JERRY E., Smyrna, Mathematics
CORNWELL, JOSEPH D., III, Conyers, Physics
FLOYD, MIDDLETON B., Decatur, Chemistry
HARRIS, GRADY W., Atlanta, Engineering
HUGHES, CAROLINE A., Atlanta, Microbiology
LONGSHORE, JOHN D., Atlanta, Earth Sciences
LOWE, JOHN T., La Grange, Chemistry
MONCRIEF, JOHN W., Rabun Gap, Chemistry
SHEATS, JOHN E., East Point, Chemistry
SIMMONS, HARRY D., Jr., Athens, Chemistry
TERRY, CLAUDE E., Jr., Cumming, Genetics
WHITMAN, MELINDA, Atlanta, Mathematics
WOODS, ROBERT C., III, Atlanta, Chemistry

Cooperative Graduate

BRYANT, JOHN L., Athens, Mathematics
BURDICK, ROBERT O., Decatur, Mathematics
CRAMER, ARDIS L., Atlanta, Zoology
DENNIS, TOM R., Macon, Astronomy
HALL, ZACH W., Atlanta, Biochemistry
HOLLIDAY, JAMES C., Milledgeville, Physics
MALONE, THOMAS J., Atlanta, Engineering
RUTLEDGE, RONALD M., Decatur, Chemistry
SCHILD, MARY E., Americus, Psychology
SLOAN, BEN L., Athens, Zoology
SOLOMON, PHYLLIS, Nashville, Chemistry
WILSON, HOWELL K., Savannah, Mathematics

Graduate Teaching Assistant

BOSARGE, WILBUR E., Jr., Atlanta, Mathematics
BOWERS, EMMIE V., Hopeville, Zoology
BREWER, JOHNNY G., Harlem, Chemistry
BRIANT, ROBERT L., Decatur, Engineering
ELDER, LONZY E., Jr., Bishop, Mathematics
HARPER, JUDSON M., Decatur, Chemistry
JONES, SAMUEL B., Jr., Athens, Botany
LONGSHORE, JOHN D., Decatur, Earth Sciences
MARSHALL, ALLINE B., Albany, Zoology
PYLE, JOHN T., Atlanta, Chemistry
SPARKS, ARTHUR G., Brooklet, Mathematics
TREASH, CHRISTINE C., Atlanta, Mathematics

Postdoctoral

PROSSER, FRANKLIN P., Atlanta, Chemistry

Science Faculty

BOLDEN, WILEY S., Atlanta, Psychology
CASH, DEWEY B., Talbotton, Mathematics
DAVIS, HERBERT L., Jr., Mount Berry, Biology
POOLE, DONALD H., Athens, Earth Sciences
RIVERS, PRINCE, Nashville, Chemistry
ROBINSON, DANIEL A., Atlanta, Mathematics

Summer Fellowships for Secondary School Teachers

CURLLEY, AUGUST, Atlanta, Chemistry
VAUGHN, JAMES B., Savannah, Mathematics

HAWAII

Graduate

CRAIG, NESSLY C., Kailua, Biology
ELLSWORTH, BARBARA H., Honolulu, Microbiology
HENDERSON, NANINE S., Honolulu, Zoology
WAT, EDWARD K. W., Honolulu, Chemistry

Cooperative Graduate

OKIISHI, THEODORE H., Honolulu, Engineering
SPRING, C. THOMAS, Honolulu, Mathematics
TSUNODA, JOYCE S., Honolulu, Biochemistry

Graduate Teaching Assistant

BOSCH, HERMAN F., Honolulu, Zoology
GARDNER, LOUISE C., Honolulu, Anthropology
MILLER, EARL E., Honolulu, Physics

Science Faculty

LAVOIE, RONALD L., Honolulu, Meteorology

Summer Fellowships for Secondary School Teachers

PLEIMANN, BERNARD T., Honolulu, Mathematics

IDAHO

Graduate

BLOOMSBURG, GEORGE L., Moscow, Engineering
BOWMAN, WALLACE N., Dietrich, Earth Sciences
DAVISON, LEE W., Boise, Engineering
EVANS, DENNIS R., Pocatello, Engineering
PACK, RUSSELL T., Grace, Chemistry
TAYLOR, LANCE J., Montpelier, Economics

Cooperative Graduate

KINTNER, JUDITH A. B., Idaho Falls, Chemistry
OTTESON, OTTO H., St. Anthony, Physics
WALL, ROBERT G., Boise, Chemistry

Graduate Teaching Assistant

HANKS, DAVID L., Tetonla, Botany
SMITH, CLYDE L., Moscow, Earth Sciences

Postdoctoral

BARNES, BURTON V., Moscow, Agricultural Sciences
BRIGHT, ROBERT C., Preston, Earth Sciences
PEARSON, LORENTE C., Rexburg, Botany
VERNER, JARED, Moscow, Zoology

ILLINOIS

Graduate

AKEMANN, CHARLES A., Elgin, Mathematics
ALBERTS, BRUCE M., Highland Park, Biophysics
ALTMAN, LAWRENCE J., Chicago, Chemistry
ANDERSON, THOMAS F., Chicago, Earth Sciences
APPELQUIST, THOMAS W., Calumet City, Physics
ARCHEER, MYLA M., Champaign, Mathematics
ASH, ROBERTA T., Chicago, Sociology
AUMAN, JASON R., Jr., Evanston, Astronomy
AUST, RICHARD B., Elmhurst, Engineering
BAER, WALTER S., Glencoe, Physics
BIELAWA, RICHARD L., Chicago, Engineering
BISCHOFF, CHARLES W., Wilmette, Economics
BOOSTROM, EUGENE R., Moline, Psychology
BORISY, GARY G., Chicago, Biophysics
BRANDT, KARL G., Park Forest, Chemistry
BRODY, LINDA J., Chicago, Biology
BROWN, BARRY W., Riverside, Mathematics
BRUCH, LUDWIG W., Winnebago, Physics
BUHL, ALBERT J., La Grange Park, Chemistry
BURMEISTER, EDWIN D., Park Ridge, Economics

BURNHAM, WILLETS M., Highland Park, Psychology
BURROUGHS, JOHN E., Chicago, Mathematics
BYRNE, ROBERT J., Chicago, Oceanography
CARLSON, WAYNE R., Rockford, Genetics
CARTER, ANTHONY T., Champaign, Anthropology
CARTER, JEAN E., Urbana, Anthropology
COHN, STEVEN F., Highland Park, Sociology
CONNOLLY, YVONNE I., Evanston, Biochemistry
COOKE, ROGER L., Godfrey, Mathematics
CORY, ROBERT P., Champaign, Biochemistry
CRONIN, JEREMIAH A., Chicago, Physics
DAVIS, MICHAEL M., Peoria, Astronomy
DAY, M. MICHAEL, Urbana, Mathematics
DESPER, CLYDE R., Taylorville, Chemistry
DOOLITTLE, WARREN F., III, Urbana, Microbiology
DYROFF, DAVID R., Duplo, Chemistry
FELDMAN, ALBERT, Chicago, Physics
FOZZY, PAULA J., Chicago, History and Philosophy of Science
FRYXELL, REDWOOD, T. W., Rock Island, Earth Sciences
GAINES, ROBERT E., Villa Grove, Mathematics
GARRETT, VIRGINIA W., Champaign, Mathematics
GENTLE, KENNETH W., La Grange Park, Physics
GILMOUR, STEPHEN C., Chicago, Mathematics
GISLASON, ERIC A., Oak Park, Chemistry
GOLD, JERROLD M., Chicago, Mathematics
GOODMAN, HARRY E., Morton Grove, Medical Sciences
GRAY, BRAYTON I., Chicago, Mathematics
GROSSHANS, FRANK D., Park Ridge, Mathematics
HAGER, DONELLA, Prospect Heights, Biophysics
HARPER, JOHN R., Wilmette, Mathematics
HELMICH, DARLENE E., Edwardsville, Botany
HENNIKE, HENRY F., Champaign, Chemistry
HETTINGER, THOMAS P., Aurora, Biochemistry
HINES, WILLIAM D., Chicago, Microbiology
HOFFMAN, ALAN B., Charleston, Chemistry
HOFFMAN, BRIAN M., Chicago, Chemistry
HOLT, CRAIG W., Chicago, Chemistry
HOLT, DONALD A., Minooka, Agriculture
HOWE, ROBERT K., Kewanee, Chemistry
HUCK, MORRIS G., Nashville, Biochemistry
HURST, DAVID O., Chicago, Chemistry
JOHNSON, ANNE C., Park Ridge, Economics
JONES, ROBERT B., Raleigh, Physics
JOSEPHSON, KEITH B., Wheaton, Mathematics
KANE, JAMES M., Hazelcrest, Botany
KAPCHE, ROBERT W., Chicago, Psychology
KASKI, BARBARA A., Cicero, Chemistry
KATZ, PHILIP L., Chicago, Engineering
KEARNS, THOMAS J., NORTHBROOK, Mathematics
KEATING, JAMES T., Chicago, Chemistry
KOPPEL, LEWIS M., Morton Grove, Chemistry
KORENJAK, ALLEN J., Chicago, Engineering
KREINICK, DAVID L., Lincolnwood, Physics
KULIK, JAMES A., Chicago, Psychology
LANG, JAMES D., Chicago, Engineering
LANG, NORTON D., Chicago, Physics
LARSON, RICHARD G., Chicago, Mathematics
LAUGHLIN, PATRICK R., Chicago, Psychology
LEWIS, GENE L., Urbana, Mathematics
LIRIT, LAWRENCE, Glencoe, Chemistry
LIEB, WILLIAM R., Urbana, Physics
LOHMAR, PHOEBE H., Galesburg, Biochemistry

MADIX, ROBERT J., Berkeley, Engineering
 MAIER, WILLIAM B., II, Chicago, Physics
 McDONNELL, ROBERT N., Park Ridge, Physics
 McNAMARA, JAMES N., Chicago, Mathematics
 MEREL, MICHAEL H., Chicago, Engineering
 MERTZ, DAVID B., Chicago, Biology
 MIDDAUGH, RICHARD L., Urbana, Chemistry
 MILES, JOSEPH B., Urbana, Mathematics
 MODLER, ROBERT F., Chicago, Chemistry
 MOORE, JOHN W., Chicago, Chemistry
 MORRISON, DAVID D., Danville, Astronomy
 MUIR, MARIEL M., Cold Springs, Chemistry
 MURPHY, M. NADINE, Sr., Chicago, Botany
 NANCE, JON R., Urbana, Physics
 NELSEN, STEPHEN F., Chicago, Chemistry
 NELSON, WAYNE B., Chicago, Mathematics
 NICO, WILLIAM R., Oglebsy, Mathematics
 O'LEARY, MARION H., Barry, Chemistry
 OLIVIER, DONALD C., Rockford, Mathematics
 PARKINSON, MICHAEL T., Chicago, Physics
 PARKMAN, MARGARET A., Chicago, Sociology
 PATTERSON, DENNIS B., Chicago, Chemistry
 PAULSON, GLENN L., Sycamore, Biochemistry
 PERLMAN, MICHAEL D., Chicago, Mathematics
 PICTON, HAROLD D., Evanston, Zoology
 POWERS, RICHARD J., Oak Park, Physics
 RAFFE, DONALD E., Chicago, Mathematics
 READ, THOMAS T., Urbana, Mathematics
 RECTOR, DAVID L., Carbondale, Mathematics
 REILLY, MATTHEW J., Urbana, Engineering
 RENO, RICHARD W., Galesburg, Physics
 RICE, JAMES K., Harvey, Chemistry
 RINDFLEISCH, THOMAS C., Glencoe, Physics
 ROBBIN, JOEL W., Chicago, Mathematics
 ROWE, ROBERT R., Niles, Engineering
 RUST, MILBERN J., Chicago, Mathematics
 SAMPLE, STEVEN B., Urbana, Engineering
 SCARGLE, JEFFREY D., Glenview, Astronomy
 SERAUSKAS, ROBERT V., Chicago, Chemistry
 SHAND, SHERMAN M., Barrington, Mathematics
 SHEPARD, HARVEY K., Chicago, Physics
 SNYDER, NANCY S., La Grange, Physics
 SPROUSE, GENE D., Raymond, Physics
 STALLARD, BARRY W., Freeport, Engineering
 STANGELAND, BRUCE E., Joliet, Engineering
 STANKO, JOSEPH A., Urbana, Chemistry
 STEINHARDT, MARY DELL M., Urbana, Biochemistry
 STELLWAGEN, ROBERT H., Tinley Park, Biochemistry
 STEVENS, WILLIAM G., Urbana, Chemistry
 STRUEVER, STUART M., Chicago, Anthropology
 STRUNK, JACQUELINE D., Evanston, Psychology
 STUART, GARY M., Normal, Economics
 SWEENEY, WILLIAM J., Oak Park, Mathematics
 SWITZER, ROBERT L., Orangeville, Biochemistry
 TANNER, DAVID J., Chicago, Physics
 TAYLOR, DIANA, Chicago, Mathematics
 TIDEMAN, SUSAN C., Lake Forest, Biophysics
 TREFIL, JAMES S., Berwyn, Physics
 TUNICK, ALLEN A., Cambridge, Chemistry
 UEBBING, JOHN J., Chicago, Engineering
 WALTER, THEODORE A., Elmwood Park, Chemistry
 WARD, CHARLES E. W., Wilmette, Physics
 WEBB, JANICE H., Chicago, Genetics
 WERNER, BARRY L., Glencoe, Physics
 WHITAKER, SIDNEY H., Granville, Earth Sciences
 WIEDEMANN, ALFRED M., Naperville, Botany
 WILCOE, GEORGE R., West Chicago, Engineering
 WILSON, ROBERT G., River Forest, Medical Sciences
 WINDMILLER, LEE R., Skokie, Physics

WOBUS, REINHARD A., Belleville, Earth Sciences
 WYATT, ROBERT E., Berwyn, Chemistry

Cooperative Graduate

ARENDRT, RONALD H., Chicago, Chemistry
 ARENSON, SIDNEY J., Chicago, Psychology
 ASIK, JOSEPH R., Champaign, Physics
 BENDER, LARRY S., Newman, Engineering
 BINFORD, LAURENCE C., Glencoe, Zoology
 BRITTAIN, THOMAS M., Urbana, Engineering
 CARLSON, DUANE G., Bensenville, Engineering
 CAULTON, KENNETH G., Chicago, Chemistry
 COHEN, NOAL, Evanston, Chemistry
 COOK, THOMAS T., Chicago, Physics
 COOPER, JEFFERY M., Downer's Grove, Mathematics
 CROSLY, PHILLIP B., Chicago, Engineering
 CURTIS, ELLWOOD C., Moline, Mathematics
 DEROSIER, DAVID J., Chicago, Biophysics
 DIXON, DAVID A., Gurnee, Engineering
 FEIGL, FRANK J., Chicago, Physics
 FEISTEL, GERALD R., Champaign, Chemistry
 FOSTER, CHARLOTTE M., Harrisburg, Mathematics
 FRADIN, FRANK Y., Chicago, Engineering
 GASSNER, RONALD L., Des Plaines, Engineering
 GILMORE, HAL M., Normal, Mathematics
 GORDON, ALAN, Chicago, Physics
 HAGGSTROM, GUS W., Urbana, Mathematics
 HALLER, RICHARD W., La Grange, Psychology
 HART, TIMOTHY R., Mundelein, Physics
 HELPFINSTINE, ROBERT A., Champaign, Engineering
 HEUER, RONALD E., Lexington, Earth Sciences
 HOYT, RONNIE A., Joliet, Engineering
 IMHOF, VIOLET I., Urbana, Chemistry
 ISRAEL, MARTIN H., Chicago, Physics
 JONES, WALTER L., La Grange, Meteorology
 KEISER, VICTOR H., Jr., Glen Ellyn, Mathematics
 KENNEDY, JAMES E., Park Forest, Engineering
 KLEMM, ROBERT D., Carterville, Zoology
 KULIS, JOSEPH C., Cicero, Psychology
 KUNZE, BARBARA A., Elmhurst, Mathematics
 LEIPZIGER, STUART, Chicago, Engineering
 MACCABEE, HOWARD D., Highland Park, Engineering
 MAGILL, CLINT W., Newman, Genetics
 McCLAIN, ROSEMARY E., Rosamond, Biology
 MCCORMICK, JAMES L., Urbana, Engineering
 McGLAMERY, MARSHAL D., Urbana, Agriculture
 MESSE, LAWRENCE A., Evanston, Psychology
 MILES, FRANK B., Urbana, Chemistry
 MINKIN, ANNE S., Oak Park, Physics
 MORRIS, CHARLES G., II, Champaign, Psychology
 MORTON, RICHARD A., Chicago, Biophysics
 MOSCOVITCH, EDWARD H., Chicago, Economics
 MURPHY, THOMAS A., Kewanee, Biochemistry
 O'DONOVAN, PATRICK J., Rockford, Physics
 O'NEILL, WILLIAM P., Urbana, Chemistry
 OFFER, JAMES E., Shobonier, Physics
 ORZECH, CHESTER E., Jr., Chicago, Chemistry
 OSBORN, THOMAS R., Urbana, Physics
 OSTRAND, PHILLIP A., Lincolnwood, Mathematics
 PAYNE, HAROLD J., Chicago, Mathematics
 PETROVICH, JOHN P., Champaign, Chemistry
 PETTIT, BARBARA J., Chicago, Physiology
 PHILLIPS, JAMES L., Carbondale, Psychology

PICKARD, OBREN T., Jr., Rantoul, Engineering
 PISEKIEWICZ, LEONARD W., Chicago, Chemistry
 PRASTEIN, SOLOMON M., Chicago, Physics
 ROCHESTER, LEON S., Chicago, Physics
 ROTH, SUSAN B., Chicago, Psychology
 SCHORI, RICHARD M., Evanston, Mathematics
 SCHWARTZ, MELVYN H., Chicago, Mathematics
 SCOTT, WARNER C., Macomb, Physics
 SHERMAN, MALCOLM J., Chicago, Mathematics
 SILBEY, ROBERT J., Chicago, Chemistry
 SPICER, LARRY D., Urbana, Chemistry
 STANCL, DONALD L., Berwyn, Mathematics
 STEIN, JAMES D., Jr., Winnetka, Mathematics
 STEPHENS, JOHN K., Galesburg, Mathematics
 STOLL, CHARLES H., Chestnut, Engineering
 STRITAR, JEFFREY A., Homewood, Chemistry
 TRINGLEY, PATRICIA A., Urbana, General Biology
 UNDERRINK, ALAN G., Quincy, Botany
 VALANCE, WILLIAM G., Oak Park, Chemistry
 WALSH, JOHN B., Urbana, Mathematics
 WARDROP, JAMES L., Collinsville, Psychology
 WEINER, HOWARD J., Chicago, Mathematics
 WELCH, JOHN N., Chicago, Mathematics
 WILSON, PAUL R., Urbana, Mathematics
 WINTERBAUER, WILLIAM, Jr., Fancy Prairie, Engineering
 YINGLING, RICHARD T., Chicago, Biophysics
 ZIPSE, PHILIP W., Chicago, Mathematics

Graduate Teaching Assistant

ALLMAN, WILLIAM P., Evanston, Engineering
 BERNETT, WILLIAM A., Champaign, Chemistry
 BOLLES, THEODORE F., Urbana, Chemistry
 BOBLIN, DAVID D., Carrollton, Physics
 BROWN, ROBERT B., Chicago, Mathematics
 CAULTON, KENNETH G., Chicago, Chemistry
 CLARK, HERBERT J., Champaign, Psychology
 CHALEY, JOHN C., Carmi, Zoology
 CURTIS, ELLWOOD C., Moline, Mathematics
 DAVIS, ROBERT D., Evanston, Engineering
 DOMINSWSKI, ROGER L., Chicago, Psychology
 DRUMKE, JOHN S., Chicago, Botany
 DOUBIS, JOHN L., Chicago, Engineering
 FEIL, RICHARD N., Oaklawn, Psychology
 FLEMING, ROBERT W., Colchester, Earth Sciences
 GOLDSTEIN, GARY R., Chicago, Physics
 GOODFELLOW, NANCY S., Evanston, Physiology
 GRAHAM, DAVID W., Chicago, Earth Sciences
 GREENBERG, DAVID F., Chicago, Physics
 GURNEY, DONALD P., Jr., Chicago, Engineering
 GUTMAN, DAVID, Champaign, Chemistry
 HECKERT, DAVID C., Elgin, Chemistry
 HOWELL, JAMES A., Chester, Chemistry
 HULETT, DAVID T., Urbana, Economics
 HUNGERFORD, THOMAS W., Chicago, Mathematics
 KAPLAN, DONALD R., Evanston, Botany
 LABACH, WILLIAM A., Urbana, Mathematics
 LARSON, CARL S., Urbana, Engineering
 LATTA, THOMAS M., Champaign, Chemistry
 LEMING, FRANK C., Chicago, Psychology
 LEIPFINGER, STUART, Chicago, Engineering
 LELLINGER, DAVID B., Wheeling, Botany
 LEMOS, ANTHONY M., Lake Forest, Physics
 LENCIONI, DONALD E., Chicago, Physics
 LEWIS, JOHN B., Evanston, Mathematics
 MARTIN, SANFORD M., Jr., Urbana, Economics
 MENKE, JOHN R., Carbondale, Chemistry
 MISHKIN, DAVID J., Urbana, Economics

MUKATIS, WERNER A., Chicago, Chemistry
 NEWMAN, L. MICHAEL, Urbana, Psychology
 PALMQUIST, ROBERT C., Glenview, Earth Sciences
 PERFETTI, CHARLES A., Collinsville, Psychology
 PIPPENGER, JOHN E., Chicago, Economics
 PISEKIEWICZ, LEONARD W., Chicago, Chemistry
 PRANGER, WALTER A., Cicero, Mathematics
 REHM, ALLAN S., Champaign, Mathematics
 RUSSO, JOHN P., Northbrook, Mathematics
 SCOTT, ALAN N., Park Ridge, Chemistry
 SHAFFER, CARL R., Polo, Physics
 STEEN, VIRGINIA C., Chicago, Earth Sciences
 STRAWN, MARTHA A., Centralia, Zoology
 STRITAR, JEFFREY A., Homewood, Chemistry
 SULLIVAN, MICHAEL J., Chicago, Mathematics
 SYNOWIAC, JOHN A., Chicago, Mathematics
 THOMAS, JOHN H., Glenview, Engineering
 TIERCK, DAVID G., Belleville, Economics
 WALLER, THOMAS R., Elmwood Park, Earth Sciences
 WEIK, KENNETH L., Carbondale, Botany
 WEINER, HOWARD J., Chicago, Mathematics
 WOZNIAK, LOUIS, Benton, Engineering
 ZALEWSKI, EDWARD F., Chicago, Chemistry
 ZIPSE, PHILIP W., Chicago, Mathematics

Postdoctoral

ANDERSON, JOHN F., Urbana, Zoology
 BECKER, EDMUND F., Jr., Chicago, Biophysics
 BROOKS, PHILIP R., Hazel Crest, Chemistry
 CALNEK, EDWARD E., Skokie, Anthropology
 CROOK, JOSEPH R., Chicago, Chemistry
 CUSHING, JAMES T., Chicago, Physics
 EDIDIN, MICHAEL A., Chicago, Zoology
 FAHEY, ROBERT C., Chicago, Chemistry
 FLEISHER, BELTON M., Chicago, Economics
 HUNT, RICHARD L., Chicago, Chemistry
 INGLE, DAVID J., Chicago, Psychology
 INTERRANTE, LEONARD V., Urbana, Chemistry
 KOVACH, JOSEPH K., Chicago, Psychology
 MCCARTY, CHARLES G., Urbana, Chemistry
 MICHEJDA, CHRISTOPHER J., Chicago, Chemistry
 MILLER, WILLARD, Jr., Dundee, Mathematics
 MULLIN, MICHAEL M., Mt. Carroll, Biology
 O'CONNELL, DANIEL C., Decatur, Psychology
 PALMER, JOHN D., Evanston, Biology
 RAFF, LIONEL M., Urbana, Chemistry
 RIBBE, PAUL H., Park Ridge, Earth Sciences
 SCHWARTZ, LYLE H., Chicago, Engineering
 SNIDER, NEIL S., Park Forest, Chemistry
 WEKSEL, WILLIAM, Urbana, Linguistics
 WILKINS, JOHN W., Oak Park, Physics
 WITT, GERALD L., Alton, Physics

Senior Postdoctoral

ANDERS, EDWARD, Chicago, Chemistry
 BAKER, WILLIAM K., Chicago, Genetics
 BOHANNAN, PAUL J., Evanston, Anthropology
 GRILICHES, HIRSCH Z., Chicago, Social Sciences
 HODGE, PHILIP G., Jr., Chicago, Engineering
 KHACHATURIAN, NARBAY, De Kalb, Engineering
 KING, ROBERT C., Evanston, Genetics
 LEVENSPIEL, OCTAVE, Chicago, Engineering
 MILLER, SIDNEY I., Chicago, Chemistry
 RAVENHALL, DAVID G., De Kalb, Physics
 WYLD, HENRY W., Jr., De Kalb, Physics

Science Faculty

BATHIE, WILLIAM W., Ames, Engineering
 CONLON, HELEN M., Chicago, Microbiology
 HARMON, S. ANNE, Beaumont, Chemistry

MARCUS, RUTH B., Chicago., Mathematics
 McLAUGHLIN, DONALD E., Rock Island, Mathematics
 McMAHON, WALTER W., Urbana, Mathematics
 MOCK, GORDON D., Macomb, Mathematics
 SMOOT, RONALD L., Urbana, Engineering
 SOUTHERN, WILLIAM E., De Kaib, Zoology
 WARREN, CHARLES P., Chicago, Anthropology
 WEISER, DAVID W., Mount Carroll, Chemistry
 WILLS, DONALD L., Monmouth, Earth Sciences
 YARBOROUGH, KEITH A., Reno, Engineering

Summer Fellowships for Secondary School Teachers

BARTHOLOMEW, BERNARD R., Freeport, Mathematics
 BENNOON, CARMEL, Chicago, Mathematics
 BRADY, RICHARD J., Chicago, Biology
 BUCKLER, WILLIAM F., Aurora, Mathematics
 EKSTROM, JANICE A., Galesburg, Mathematics
 HILDEBRANDT, DANIEL P., Medinah, Mathematics
 KREMER, PHILIP L., Aurora, Botany
 LINDLEY, AUSTIN F., Winnetka, Mathematics
 MILLER, SR. MARY IVO, Chicago, Biochemistry
 MONTGOMERY, FOREST E., La Grange, Mathematics
 MOSER, ARTHUR L., Peoria Heights, Mathematics
 MUELDER, RICHARD H., Chicago, Mathematics
 NELSON, RICHARD F., Aurora, Mathematics
 OWENS, GERALD H., Rockford, Biology
 PYLE, WALTER E., Wood River, Biology
 VANDEVENDER, WILFORD H., Champaign, Mathematics
 WENZELMAN, LAVERNE H., Harvey, Mathematics
 WIKMAN, SR. JOAN, Chicago, Biology
 ZIMMERMAN, ROBERT M., Oak Park, Mathematics

IOWA

Graduate

BARTH, DONALD E., Marble Rock, Chemistry
 BERRYHILL, JOHN R., Chicago, Physics
 BREUER, MAX E., Mount Pleasant, Engineering
 BURKE, BARRY E., Anita, Physics
 DAUGHERTY, JACK D., Ottumwa, Engineering
 DAVIS, LLOYD C., Oakland, Physics
 DEBOER, CHARLES D., Ledyard, Chemistry
 GRIFFITH, RONALD J., Cherokee, Engineering
 HANSEN, MARY K., Iowa City, Mathematics
 HANSON, F. Allan, Des Moines, Anthropology
 HANSON, FRANK E., Jr., Hawarden, Zoology
 HODSON, HAROLD H., Jr., Ames, Agriculture
 HOFFMAN, JACK A., Lemars, Engineering
 KIME, CHARLES R., Clinton, Engineering
 LEVY, HIRAM II, Bettendorf, Chemistry
 LILLEHOJ, EIVIND B., Ames, Botany
 LOKENSGARD, JERROLD P., Marshalltown, Chemistry
 MCKEE, HARRIS B., Carusle, Engineering
 MILLER, DON H., Cedar Rapids, Mathematics
 MILLER, RICHARD K., Clarinda, Mathematics
 MOSES, RONALD W., Jr., Ames, Physics
 NEWHOUSE, JOSEPH P., Waterloo, Economics
 OGREN, PAUL J., Des Moines, Chemistry
 PHILLIPS, DAVID T., Algona, Physics
 THOMAS, BRUCE R., Guthrie Center, Physics
 WEMPLE, QUINCY A., Jr., Ames, Botany

Cooperative Graduate

AXFORD, MARY F., Keokuk, Chemistry
 BAKER, ALLAN E., Libertyville, Engineering
 BENNING, ROGER D., Waverly, Engineering
 BOES, ELDON C., Wall Lake, Mathematics
 CLARK, RONALD L., Delhi, Engineering
 CLARK, SANDRA H., Manchester, Earth Sciences
 DUTCHER, GERALD L., Ankeny, Physics
 FARLEY, ROGER D., Rippey, Physiology
 FUGATE, JOSEPH B., Iowa City, Mathematics
 GABRIELSON, JAMES E., Ames, Engineering
 GOODMAN, MAJOR M., Des Moines, Genetics
 HENDRICKSON, HOWARD T., Davenport, Engineering
 HOFFMAN, ANTHONY E., Storm Lake, Mathematics
 JEPSEN, CHARLES H., Dumont, Mathematics
 JOHNSON, ROBERT W., Marathon, Engineering
 KERR, GERALD L., South English, Mathematics
 LORIMOR, ORVAL G., Davenport, Engineering
 MATHEWS, ROBERT D., Miles, Physics
 MCINTOSH, JAMES R., Keosauqua, Engineering
 RATHKE, MICHAEL W., Humboldt, Chemistry
 ROMIG, BERNARD E., Villisca, Engineering
 ROST, DUANE F., Lake City, Engineering
 STEINWAND, PAUL J., Dubuque, Chemistry
 TENNANT, JERRY R., Burside, Engineering
 WIEGAND, GAYL H., Marshalltown, Chemistry
 WINSTON, JEROME A., Marshalltown, Physics

Graduate Teaching Assistant

ANDERSON, WAYNE I., Iowa City, Earth Sciences
 COOK, WILLIAM J., Ames, Engineering
 CUNNING, JOE D., Mount Ayr, Engineering
 EICKSTAEDT, LAWRENCE L., Storm Lake, General Biology
 FARLEY, ROGER D., Rippey, Physiology
 FUGATE, JOSEPH B., Iowa City, Mathematics
 GUENTHER, RAYMOND R., Ames, Mathematics
 HOFFMAN, ANTHONY E., Storm Lake, Mathematics
 HOLTE, KARL E., Iowa City, Botany
 JOHNSON, HERBERT A., Alta, Engineering
 KEMPER, GENE A., Ames, Mathematics
 KNUDSON, DAVID W., Jewell, Mathematics
 LAVALLE, PLACIDO D., Iowa City, Earth Sciences
 PAYTON, CHARLES E., Minburn, Earth Sciences
 SECREST, BRUCE G., West Branch, Mathematics
 SHIPLEY, JERRY J., Ames, Economics
 STEINWAND, PAUL J., Dubuque, Chemistry
 STROHMEIER, ELIZABETH M., Sioux City, Mathematics
 VANMETER, DELMAR B., Ames, Engineering
 WASHENBERGER, JAMES K., Ames, Mathematics

Postdoctoral

GURALNIK, GERALD S., Cedar Falls, Physics

Science Faculty

JENSEN, JENS A., Iowa City, Mathematics
 JUDD, FLOYD L., Orange City, Physics
 LEONARD, SR. MARY J. C., Dubuque, Psychology
 LUCKETT, DUPLEY G., Ames, Economics
 REAL, SR. MARY A., Davenport, Mathematics
 THOMAS, PHILIP S., Grinnell, Economics

Summer Fellowships for Secondary School Teachers

DE PRENGER, DONALD K., Vinton, Biochemistry
HUBERTY, SR. M. BERNICE A., Dubuque, Genetics
LEMMON, ROBERT D., Sioux City, Earth Sciences
PINT, ROBERT F., Nashua, Zoology
SCHEMIDT, DONALD J., Keokuk, Biology
TRUMP, RICHARD F., Ames, Zoology

INDIANA

Graduate

ANDERSON, GERALD H., Hobart, Economics
ARNOLD, EDOUARD P., South Bend, Earth Sciences
BEINEKE, LOWELL W., Decatur, Mathematics
COOPER, MICHAEL T., Evansville, Physics
CUFFEY, ROGER J., Bloomington, Earth Sciences
CUSHMAN, DAVID W., Indianapolis, Biochemistry
DOWLING, JAMES B., Connersville, Mathematics
DYGBERT, STEPHEN L., Fort Wayne, Biochemistry
EIDSWICK, JOHN A., West Lafayette, Mathematics
FAN, DAVID P., West Lafayette, Biophysics
FISCH, MICHAEL H., Indianapolis, Chemistry
FLANNERY, DAVID L., Indianapolis, Engineering
HALLEY, JAMES W., Jr., Chesterton, Physics
KUTLICH, ELEANOR S., Evansville, Biochemistry
LEBO, JERRY A., Winamac, Engineering
LINDEN, THEODORE A., West Baden Springs, Mathematics
LIPPS, BENNIE J., Jr., Connersville, Engineering
MARTIN, EDWARD S., Terre Haute, Chemistry
MARTZ, ERIC, Bloomington, Biology
MATTHEWS, ROWENA G., Boonville, Biology
MCCOX, JOAN K., Gary, Microbiology
MENNINGA, CLARENCE, Lafayette, Chemistry
MILLS, JAMES W., Centerville, Chemistry
MIXON, WILLIAM W., Hammond, Physics
MONROE, BRUCE M., Indianapolis, Chemistry
MOYER, NORMAN E., South Bend, Physics
ORXSMANN, DALE F., Vincennes, Mathematics
OMILIANOWSKI, DANIEL R., East Chicago, Biochemistry
OSBORN, THOMAS A., Marion, Physics
OWENS, FRANK W., South Bend, Mathematics
PECHUKAS, PHILIP, Fort Wayne, Chemistry
PENDLETON, ROBERT L., Bloomington, Mathematics
PETERS, PHILIP C., Chesterton, Physics
POGUE, RUSSELL W., Jr., Kokomo, Engineering
PURSLEY, STEPHEN A., West Lafayette, Engineering
RAIN, DON W., La Porte, Engineering
REA, DAVID R., Russiaville, Engineering
REEVES, ALVIN F., II, Richmond, Genetics
RETTIG, MICHAEL F., Richmond, Chemistry
ROGERS, MARION A., Lewisville, Earth Science
ROOT, FORREST K., Bedford, Earth Science
ROSSINI, FREDERICK A., South Bend, Physics
SEIFERT, RALPH L., Jr., Bloomington, Mathematics
SHERWOOD, BRUCE A., West Lafayette, Physics

SKELTON, JERRY P., Elberfeld, Engineering
THOBEN, VICTOR E., Bloomington, History and Philosophy of Science
TRIMBLE, JOANNE R., West Lafayette, Mathematics
WHITCOMB, ALBERT R., Chicago, Mathematics
WICKELGREN, WARREN O., Munster, Psychology
WILLIAMS, ABSALOM F., Mitchell, Botany
WRIGHT, GENE R., South Bend, Biochemistry

Cooperative Graduate

AGNESS, JAY B., Bunker Hill, Agriculture
AKERS, RONALD L., New Albany, Sociology
ALEXANDER, JOHN J., Indianapolis, Chemistry
ALLEN, ROBERT T., West Lafayette, Engineering
BERTRAM, LEE A., Morocco, Engineering
CLELAND, CHARLES F., Bloomington, Botany
COHEN, LAWRENCE B., Indianapolis, Physiology
COULTER, LAWRENCE J., Frankfort, Engineering
CRISWELL, MICHAEL L., South Bend, Engineering
DOOLEN, GARY D., West Lafayette, Physics
ELLIS, ROBERT L., Richmond, Mathematics
GAUNT, JOHN T., Evansville, Engineering
GRECKEL, FAY E., Bloomington, Economics
HACKETT, WILLIAM H., Jr., Speedway, Engineering
HATFIELD, CRAIG B., Michigan City, Earth Sciences
ICE, MALCOLM W., West Lafayette, Engineering
LINDBERG, DAVID C., Bloomington, History and Philosophy of Science
MARLIN, MARJORIE J., West Lafayette, Psychology
MELLICHAMP, DUNCAN A., Jr., West Lafayette, Engineering
MOSEY, JAMES F., Indianapolis, Engineering
MUENCH, THOMAS J., West Lafayette, Economics
NOE, JAMES L., West Lafayette, Chemistry
PAV, PETER A., Bloomington, History and Philosophy of Science
PETERS, JAMES G., New Albany, Astronomy
RAAB, JACOB L., Elkhart, Physiology
ROBERTS, ROY J., West Lafayette, Psychology
SONNENSCHNEIN, HUGO F., Lafayette, Economics
SPEJEWSKI, EUGENE H., East Chicago, Physics
STEVENS, RALPH R., Jr., Indianapolis, Physics
STROUP, DOROTHY A., Bloomington, Botany

Graduate Teaching Assistant

AKE, ROBERT L., Richmond, Chemistry
ALEXANDER, JOHN J., Indianapolis, Chemistry
BROMMELS, EDWARD, Hammond, Chemistry
BURKE, DANIEL E., Jeffersonville, Engineering
CALKINS, JAMES L., Lafayette, Psychology
CHARLES, RICHARD L., Lafontaine, Chemistry
COLEMAN, JAMES R., Bloomington, Botany
DETCHEMENDY, DAVID M., West Lafayette, Engineering
ESHBAUGH, WILLIAM H., Bloomington, Botany
HATFIELD, CRAIG B., Michigan City, Earth Sciences
HOKE, DAVID O., Goshen, Mathematics

JEWELL, DONALD O. Gary, Psychology
 LUETZELSCHWAB, JOHN W., Highland, Physics
 OPPELT, JOHN A., South Bend, Mathematics
 PLANK, BARBARA A., West Lafayette, Mathematics
 RAYMO, CHESTER T., Notre Dame, Physics
 ROGERS, MARION A., Lewisville, Earth Sciences
 SCHROEDER, LEE S., Bloomington, Physics
 SEIBER, JAMES N., New Albany, Chemistry
 SERVIS, KENNETH L., Lafayette, Chemistry
 SONNENSCHNEIN, HUGO F., Lafayette, Economics
 STEVENSON, RALPH G., Jr., Bloomington, Earth Sciences
 THOMPSON, JOSEPH G., West Lafayette, Engineering
 WOODS, PHYLLIS A., Bloomington, Physiology

Postdoctoral

BLIEDEN, HARRY R., Michigan City, Physics
 DENENBERG, VICTOR H., West Lafayette, Biology
 DERWENT, JOHN E., South Bend, Mathematics
 FREVERT, PETER W., Greencastle, Economics
 HAGSTROM, ELAINE R., Bloomington, Linguistics
 KAHL, MARVIN P., Jr., Indianapolis, Biology
 MANIOTES, JOHN, East Chicago, Engineering
 SANDERS, WILLIAM A., Oxford, Chemistry
 WAINWRIGHT, STEPHEN A., Indianapolis, Zoology
 WELLNER, MARCEL N., Bloomington, Physics
 WERNER, OSWALD, Bloomington, Anthropology

Senior Postdoctoral

BEEVERS, HARRY, Lafayette, Biology
 CRANE, FREDERICK L., Lafayette, Biochemistry
 MARGERUM, DALE W., Lafayette, Chemistry
 OCHS, SIDNEY, Bloomington, Physiology
 SMOCK, CHARLES D., Lafayette, Psychology

Science Faculty

BROOKS, GEORGE H., Lafayette, Engineering
 GOLDING, HARRY L., Greencastle, Chemistry
 LEE, NORMAN K., Muncie, Physics
 LEE, ROBERT H., Lafayette, Engineering
 MATTHEWS, JAMES B., Terra Haute, Engineering
 MERTENS, THOMAS R., Muncie, Genetics
 ROSS, ARNOLD E., Notre Dame, Mathematics
 SMUCKER, ARTHUR A., Goshen, Biochemistry
 WAGNER, MORRIS, Notre Dame, Microbiology

Summer Fellowships for Secondary School Teachers

BUZZARD, GENE P., Fort Wayne, Chemistry
 CARBAUGH, BLAIR T., Converse, Biology
 COLEMAN, LEONARD L., Muncie, Biology
 FAW, PHYLLIS J., Gary, Mathematics
 FOSS, DONALD C., Muncie, Mathematics
 GULLIFOR, PATRICK E., South Bend, General Science
 HATHAWAY, THOMAS J., Indianapolis, Biology
 LANDING, JAMES E., Michigan City, Earth Sciences
 PAYNE, KENNETH E., Terre Haute, Zoology
 PHILLIPS, JERRY W., Holland, Mathematics
 ROGGE, SUSANNE, South Bend, Mathematics
 SCHOFF, EDWARD L., New Market, Biology
 SCHROER, SR., M. MICHEL, Lafayette, Biology

KANSAS

Graduate

BARRETT, BRUCE R., Kansas City, Physics
 BRECKENRIDGE, WILLIAM H., Louisburg, Chemistry
 BROOKS, LOWELL W., Jr., Wellington, Mathematics
 BUTEL, JANET S., Overbrook, Microbiology
 CORNELIUS, ARCHIE J., Manhattan, Engineering
 CRAWFORD, ROY K., Luray, Physics
 FEARING, HAROLD W., Lawrence, Physics
 GUSTAVSON, DAVID B., Clay Center, Physics
 HALL, ROBERT E., Pittsburg, Physics
 HAYES, DENNIS E., Missio, Earth Sciences
 HEIDER, KARL G., Lawrence, Anthropology
 HOY, MARJORIE A., Kansas City, Zoology
 JEFFREY, JOHN R., Lawrence, Chemistry
 JENKINS, THOMAS M., Lawrence, Chemistry
 JOHNSON, GARY L., Osage City, Engineering
 KAUFMAN, DALE E., Gridley, Engineering
 KERSTETTER, REX E., Hays, Botany
 KITRELL, JAMES R., Arkansas City, Engineering
 KOELLING, DALE D., Great Bend, Physics
 LESSOR, DELBERT L., Wakeeney, Physics
 NELSON, CRAIG E., Mankato, Zoology
 PANCAKE, SAMUEL J., Atwood, Biochemistry
 ROSS, HAROLD M., Shawnee Mission, Anthropology
 RUPP, JOHN A., Wichita, Engineering
 SIMMONS, GERALD M., Parsons, Engineering
 SLOAN, ELIZABETH M., Emporia, Physiology
 SPENCER, JOHN B., Topeka, Chemistry
 WAGNER, NEAL R., Topeka, Mathematics
 WIENS, ALVIN W., Hillsboro, Physiology
 WILLIS, HAROLD L., Shawnee Mission, Anthropology
 WOODHEAD, JACK C., Pleasanton, Biology
 WRAY, JERALD J., Norton, Physics

Cooperative Graduate

BARRETT, JON H., Wichita, Psychology
 BISSELL, JULIA L., Manhattan, Microbiology
 BRYAN, JON B., Scott City, Physics
 BURCH, WENDELL D., Roxbury, Chemistry
 CHADWICK, CURT H., Manhattan, Physics
 ERICKSON, LARRY E., Manhattan, Engineering
 FUNKE, BERDELL R., Manhattan, Microbiology
 GRIFFITH, SUSAN J., Shawnee Mission, General Biology
 HYSLOP, ROBERT S., Jr., Kansas City, Engineering
 KELLOGG, RICHARD M., Arlington, Chemistry
 LONG, JOHN A., Winfield, Zoology
 MARSTON, BARBARA P., Liberty, Zoology
 MERRITT, PHILIP N., Kansas City, Mathematics
 REMPLE, ROBERT K., Lawrence, Mathematics
 SALSBER, WINSTON A., Wichita, Biophysics
 SMITH, DEAN L., Jr., Topeka, Engineering
 SMITH, EDWIN B., Halstead, Botany
 SPEAR, KARL E., Lawrence, Chemistry
 STRAEM, NORMAN D., Wichita, Engineering
 SWENSON, DONALD O., Clay Center, Engineering
 TAYLOR, BERT A., Plainville, Mathematics
 VANDERVOORN, PETER C., Wichita, Chemistry

Graduate Teaching Assistant

BAALMAN, ROBERT J., Grinnell, Botany
 BUSCHER, HENRY N., Savonburg, Zoology
 CARLSON, GORDON E., Manhattan, Engineering

DRELLING, MARK J., Topeka, Physics
 ENOS, PAUL P., Perry, Earth Sciences
 HOYT, DALE L., Shawnee Mission, Zoology
 KAESLER, ROGER L., Lawrence, Earth Sciences
 LARSON, LOREN C., Lawrence, Mathematics
 LITTLE, JAMES N., Prairie Village, Chemistry
 MADDOCKS, ROSALIE F., Lawrence, Earth Sciences
 MALONE, LEO J., Jr., Wichita, Chemistry
 MCCUNE, RONALD W., Beloit, Biochemistry
 PIERCE, JACK W., Lawrence, Earth Sciences
 RAEP, JAMES R., Wichita, Chemistry
 SALSBER, WINSTON A., Wichita, Biophysics
 SINCLAIR, DEAN L., Manhattan, Chemistry
 TAYLOR, BERT A., Plainville, Mathematics
 WEATHERS, BENTON D., Manhattan, Engineering

Postdoctoral

POOL, JAMES C., Wellsville, Physics
 UWE, HILLEL, Lawrence, Physics.

Senior Postdoctoral

LICHTWARDT, ROBERT W., Lawrence, Microbiology

Science Faculty

BAILIE, RICHARD C., Manhattan, Engineering
 BORG, ALFRED F., Manhattan, Microbiology
 FORMAN, GEORGE W., Lawrence, Engineering
 GOWDY, KENNETH K., Manhattan, Engineering
 KILLIAN, DONALD G., Wichita, Mathematics
 KIPP, JOHN E., Manhattan, Engineering
 SNYDER, MELVIN H., Jr., Wichita, Engineering
 UMHOLTE, ROBERT C., Lawrence, Engineering
 WEDEL, ARNOLD M., North Newton, Mathematics

Summer Fellowships for Secondary School Teachers

ALDRIDGE, BILLY G., Bethel, Physics
 SCHAFF, SR. M. JOANNES, Walnut, Biology
 WELLS, MARTIN H., Kismet, Mathematics

KENTUCKY

Graduate

BAGBY, STEADMAN T., Lexington, Mathematics
 BALDWIN, JON M., Covington, Chemistry
 BURCKEL, ROBERT B., Louisville, Mathematics
 COLLINS, LEWIS D., Maysville, Engineering
 DIERCKES, ALBERT C. J., Covington, Engineering
 FALLER, JOHN W., Jr., Louisville, Chemistry
 FANGMAN, WALTON L., Louisville, Microbiology
 MALONE, PHILIP G., Louisville, Earth Sciences
 MITTENTHAL, JAY E., Louisville, Biophysics
 RODGERS, GEORGE C., Jr., Louisville, Chemistry
 ROWLETTE, RALPH M., London, Anthropology
 SALLEE, WILLIAM C., Louisville, Mathematics
 SKILES, DURWARD D., Lexington, Physics
 STROUD, CARLOS R., Owensboro, Physics
 TAYLOR, WALTER F., Louisville, Mathematics
 THOMAS, JESS B., Jr., Frankfort, Physics
 WARFIELD, ROBERT B., Lexington, Mathematics

WELL, BENJAMIN F., III, Lexington, Mathematics
 WHITESIDES, THOMAS H., Anchorage, Chemistry

Cooperative Graduate

ASHLEY, CARL T., Nicholasville, Chemistry
 BEINEKE, THOMAS A., Fort Thomas, Chemistry
 BERLEKAMP, ELWYN R., Fort Thomas, Engineering
 CANON, ARDATH B., Murray, Chemistry
 GORDON, PETER E., Louisville, Physics
 GUFFEY, CHARLES G., Central City, Engineering
 HARRISON, KENNETH G., Louisville, Chemistry
 MATHEW, MARY L., Lexington, Mathematics
 MAYNE, ARLOE W., Jr., Ashland, Engineering
 MINER, GEORGE K., Covington, Physics
 MONROE, BURT L., Jr., Anchorage, Zoology
 MORRIS, BILLY M., Fulton, Physics
 NORMAN, JUDY M., Louisville, General Biology
 PLOWMAN, KENT M., Glasgow, Physiology
 PREWITT, GERALD B., Covington, Physics
 RICHARDSON, MARY F., Barbourville, Chemistry
 RUPARD, EVELYN F., Winchester, Mathematics
 SCHWEITZER, JOHN W., Covington, Physics

Graduate Teaching Assistant

AYRES, JOHN J. B., Lexington, Psychology
 DENNER, MELVIN W., Lexington, Zoology
 DRACH, JOHN C., Fort Thomas, Biochemistry
 HARPER, GOIN N., Hopkinsville, Engineering
 HIRSCH, JERRY A., Louisville, Chemistry
 PEERCY, PAUL S., Monticello, Physics
 PETWAY, JON W., Paducah, Engineering
 PFALTZGRAFF, JOHN A., Lexington, Mathematics
 REKER, JOSEPH R., Louisville, Engineering
 SANDERS, JOHN D., Louisville, Engineering

Postdoctoral

CALDWELL, DOUGLAS R., Newport, Physics
 HARPER, GOIN N., Hopkinsville, Engineering

Science Faculty

ADAMS, STALEY F., Lexington, Engineering
 HICKS, DONALD G., Murray, Chemistry
 PHILLIPS, JOHN P., Louisville, History and Philosophy of Science
 SCHEER, DONALD J., Louisville, Engineering
 SCHNEIDER, JAMES R., Covington, Physics

Summer Fellowships for Secondary School Teachers

BAKER, FRANCES B., Paducah, Biology
 CRAFTON, ARVIN D., Elkton, Chemistry
 MADDEN, SR. M. CAECILIA, Covington, Physics
 TEA, BARBARA F., Nicholasville, Biology

LOUISIANA

Graduate

DAYLESS, LAURENCE E., New Orleans, Biology
 BLANCHARD, PAUL A., New Orleans, Astronomy
 CARROLL, KEITH J., New Iberia, Physics
 CONWAY, JOHN B., New Orleans, Mathematics

DUCHAMP, DAVID J., St. Martinville, Chemistry
EUGLER, DAVID H., New Orleans, Earth Sciences
GLASER, GERALD C., New Orleans, Earth Sciences
HODGSON, JIMMIE A., Baker, Chemistry
HOLDEMAN, LOUIS B., Baton Rouge, Physics
MCGHEE, OSCAR C., Baton Rouge, Mathematics
MERRILL, SAMUEL III, Bogalusa, Mathematics
PALERMO, LOUIS G., New Orleans, Engineering
PATTERSON, GARY K., Baton Rouge, Engineering
SANDBERG, PHILIP A., Baton Rouge, Earth Sciences
SMITH, CARL R., Paradis, Physics
STOESSELL, ALFRED L., Crowley, Physics
TALBOT, RAYMOND J., Jr., Metairie, Physics
THEALL, GARY E., Abbeville, Mathematics
WEISMAN, CARL S., Shreveport, Mathematics
WEISS, MARY C., New Orleans, Genetics

Cooperative Graduate

CHRISTY, EDMUND H., Jr., New Orleans, Physics
FOX, PAUL W., New Orleans, Psychology
GREENE, JAMES M., Baton Rouge, Chemistry
HERNANDEZ, WALTER C., Jr., Laplace, Physics
HERRON, EDWIN H., Jr., New Orleans, Engineering
HOWE, ROBERT C., Baton Rouge, Earth Sciences
LARKIN, JOEL M., New Orleans, Chemistry
RAMIREZ, DONALD E., New Orleans, Mathematics
RICKY, FRANK A., Jr., Baton Rouge, Physics
ROBERT, JOHN M., Pineville, Physics
SETTLES, RONALD D., Baton Rouge, Physics
THEBIOT, EDWARD D., Jr., Baton Rouge, Physics
VORHABEN, JEAN E., New Orleans, Biochemistry
WELCH, ROBERT C. W., Lake Charles, Engineering

Graduate Teaching Assistant

BREITENBACH, EUGENE A., Lafayette, Engineering
FOSTER, CHARLES C., New Orleans, Physics
GLASER, GERALD C., New Orleans, Earth Sciences
MARK, MORRIS L., Metairie, Mathematics
McCARTER, BOBBYE L., New Orleans, Sociology
SCHROEDER, RONDON L., Shreveport, Physics
SOUTH, DONALD R., Baton Rouge, Sociology
THOMPSON, DORIS M., Baton Rouge, Chemistry
WEBSTER, RONALD L., Baton Rouge, Psychology
WILLARD, THOMAS M., New Orleans, Chemistry

Senior Postdoctoral

REISSMAN, LEONARD, New Orleans, Economics

Science Faculty

BRYAN, SARA E., Baton Rouge, Biochemistry
DRAKE, ROBERT L., New Orleans, Engineering
KENNEDY, AMOS P., Gramling, Chemistry
MANN, LAWRENCE, Jr., Baton Rouge, Engineering

McCARTHY, CHARLES B., New Orleans, Engineering
OLIVER, JAMES M., Baton Rouge, Mathematics

Summer Fellowships for Secondary School Teachers

BERTRAND, JOHN E., Gueydan, Mathematics
CRAIN, JAMES L., Varnado, Zoology
HAW, LARRY S., Morrow, Mathematics
HENSON, HARRY L., Jr., Baton Rouge, Zoology
HOUGH, MARSHALL V., Sallie, Zoology
JANIES, LEROY, Eunice, Biology
PORTER, WILLIS B., New Iberia, Mathematics
WATKINS, COY H., Houma, Botany

MAINE

Graduate

BROWER, JOHN H., Augusta, Zoology
EVANS, JAMES S., Bridgton, Chemistry
HODGKIN, BRIAN C., Lewiston, Agriculture
MAGUE, JOEL T., Milbridge, Chemistry
O'CONNOR, BRIAN R., Lewiston, Chemistry
STOKOWSKI, STAN E., Lewiston, Physics

Cooperative Graduate

McCOMBE, BRUCE D., Sanford, Physics
SMALL, DONALD A., Orono, Engineering

Graduate Teaching Assistant

EVANS, JAMES S., Bridgton, Chemistry
FOWLES, BRUCE E., Belfast, Botany

Postdoctoral

SLAYMAN, CAROLYN W., Portland, Biochemistry

Science Faculty

PAGE, ROBERT L., Springvale, Mathematics
WHITTEN, MAURICE M., Gorham, General Science

Summer Fellowships for Secondary School Teachers

VAUGHAN, JOSEPH P., Brunswick, Biology

MARYLAND

Graduate

BLUM, EDWARD H., Silver Spring, Engineering
BROWN, STANLEY G., Kensington, Physics
BROWN, STEPHEN C., Silver Spring, Zoology
BURDICK, MORTON L., Baltimore, Zoology
CARBAUGH, DONOVAN C., Clear Spring, Engineering
COFFIN, STEPHEN A., Chevy Chase, Mathematics
CUMMINGS, FRANK E., Silver Spring, Chemistry
DOBSON, PETER N., Jr., Baltimore, Physics
FARBELL, F. THOMAS, Chevy Chase, Mathematics
FENTRESS, JOHN C., Cambridge, Zoology
FERBER, JOHN B., Chevy Chase, Mathematics
FRIEDMAN, WILLIAM A., Silver Spring, Physics
GOSS, BETTE J., Chevy Chase, Zoology
HALL, BARBARA C., Baldwin, Linguistics
HARRISON, STEPHEN C., Baltimore, Biophysics

HAUSER, MICHAEL G., Silver Spring, Physics
 HEBB, MATHILDE J., Butler, Physics
 HOLLAND, NICHOLAS D., Chevy Chase, Physiology
 HOROWITZ, JOSEPH, Silver Spring, Mathematics
 HUGHES, ANTHONY C., Catonsville, Mathematics
 JOHNSON, JOSEPH A., Baltimore, Biochemistry
 KEFFER, CHARLES J., Hyattsville, Physics
 KNAPP, ANTHONY W., Baltimore, Mathematics
 KOSTINSKY, ALAN L., Baltimore, Mathematics
 LANGLEY, SUSAN I., Bethesda, Psychology
 LITT, FREDRIC A., Baltimore, Chemistry
 LLOYD, WAYNE B., Baltimore, Engineering
 MAX, NELSON L., Baltimore, Mathematics
 MELSON, WILLIAM G., East Riverdale, Earth Sciences
 MOCKUS, JOSEPH, Silver Spring, Chemistry
 OWINGS, JAMES C., Jr., Riderwood, Mathematics
 PITTMAN, MICHAEL E., College Park, Physics
 QUARLES, RICHARD H., Towson, Biochemistry
 RECTOR, CHARLES W., Baltimore, Physics
 RUSSEY, WILLIAM E., Baltimore, Chemistry
 SEARLES, RICHARD B., Frederick, Botany
 SINGLETERRY, ANN M., Bethesda, Mathematics
 STERN, RICHARD C., Bethesda, Chemistry
 STRATHDEE, JOHN A., Army Chem. Ctr., Physics
 TEITELBAUM, JOEL M., Silver Spring, Anthropology
 THORNTON, ROY F., Beltsville, Engineering
 WILSON, RAYMOND B., Kensington, Mathematics
 WOLF, ROBERT A., Chillum, Mathematics
 ZIMMERMANN, ROBERT C., Baltimore, Earth Science

Cooperative Graduate

CANNON, GLENN A., Baltimore, Oceanography
 CRONE, LAWRENCE J., Jessup, Physics
 FINKLEMAN, DAVID, Silver Spring, Engineering
 GEOGHEGAN, WILLIAM H., Baltimore, Anthropology
 GRISCOM, HILDA A., Annapolis, Physiology
 HERTE, KENNETH J., Silver Spring, Mathematics
 HESS, MILTON S., Baltimore, Engineering
 KAPLAN, LEONARD M., Hyattsville, Physics
 LAMACCHIA, JOHN T., Berwyn Heights, Physics
 LEVIN, SIMON A., Baltimore, Mathematics
 LEVY, EDWARD K., Baltimore, Engineering
 LICHTENSTEIN, MARTIN G., Baltimore, Engineering
 McDOWELL, EUGENE C., Silver Spring, History and Philosophy of Science
 McLAUGHLIN, PATRICIA J., Brentwood, Zoology
 PARKE, WILLIAM C., Bethesda, Physics
 RICE, JAMES R., Frederick, Engineering
 RIFMAN, SAMUEL S., Baltimore, Engineering
 ROACH, WILLIAM R., Baltimore, Physics
 ROBERTS, WILLIAM A., Silver Spring, Psychology
 SILVERMAN, ROBERT A., Takoma Park, Chemistry
 TRUNK, GERARD V., Baltimore, Engineering
 WAGNER, TIMOTHY K., Hyattsville, Physics
 WARD, WILLIAM C., Jr., Baltimore, Psychology

Graduate Teaching Assistant

ANDERSON, RICHARD L., Jr., Adelphi, Physics
 COLE, FRANCES E., Jr., Mount Rainier, Microbiology
 COONCE, HARRY B., College Park, Mathematics
 DOUGHERTY, HUGH J., Baltimore, Engineering
 HERTEL, GEORGE R., Baltimore, Chemistry
 HETTICHE, LEROY R., Baltimore, Engineering
 HOENACK, STEPHEN A., Bethesda, Economics
 LARSEN, LAWRENCE H., Baltimore, Meteorology
 McLAUGHLIN, PATRICIA J., Brentwood, Zoology
 POLLAK, ROBERT A., Chevy Chase, Economics
 ROVNER, JEROME S., College Park, Zoology
 SCHULTZ, MICHAEL E., Mount Rainier, Engineering
 SOLOMON, GENE B., Baltimore, Zoology
 WARD, THOMAS G., Jr., La Vale, Engineering
 WATT, WARD B., Hyattsville, General Biology

Postdoctoral

DUDLEY, KENNETH H., Hagerstown, Chemistry
 LAGNESE, JOHN E., Silver Spring, Mathematics
 MASERICK, PETER H., Silver Spring, Mathematics

Senior Postdoctoral

GRIEM, HANS R., College Park, Physics
 NICKON, ALEX, Baltimore, Chemistry
 PEVSNER, AIHUD, Baltimore, Physics
 SUCHER, JOSEPH, College Park, Physics
 YARMOLINSKY, MICHAEL B., Baltimore, Biochemistry

Science Faculty

GRAHAM, BILLIE J., Annapolis, Physics
 JOHNSTON, RICHARD L., Annapolis, Physics

Summer Fellowships for Secondary School Teachers

FRITTS, LOWELL R., Rockville, Zoology
 HAUGHT, JAMES C., Hagerstown, Zoology
 LABUE, CHARLES J., Jr., Wheaton, Biology
 SEBURN, CAROLYN J., Hagerstown, Mathematics
 WEBBER, WALTER I., Baltimore, Mathematics

MASSACHUSETTS

Graduate

ABULUGHOD, JANET L., Northampton, Sociology
 ALBERT, RICHARD H., Dorchester, Chemistry
 AURYANSEN, MARY S., Newtonville, Economics
 BAINBRIDGE, MARGARET T., Watertown, History and Philosophy of Science
 BAKER, KIRBY A., Winchester, Mathematics
 BARSHAY, JACOB, Waltham, Mathematics
 BERGER, EDMOND L., Salem, Physics
 BERGER, PAUL J., Salem, Physics
 BUDNITZ, ROBERT J., Pittsfield, Physics
 BUFFINGTON, ANDREW, East Walpole, Physics
 CHASE, THEODORE JR., Dover, Biochemistry
 CHASIN, LAWRENCE A., Allston, Biochemistry
 CHERKOFKY, SAUL C., Boston, Chemistry

CHRISTIAN, JOHN T., West Newton, Engineering
 COCKS, FRANKLIN H., Seekonk, Engineering
 COFFEY, JOHN J., Watertown, Zoology
 COLLINS, EDWARD J., Watertown, History and Philosophy of Science
 COVITT, FRANK H., Malden, Chemistry
 DAVIDSON, GERALD C., Brookline, Psychology
 DENOYER, LINDA K., Sterling Junction, Physiology
 DUNLAP, HELEN L., Dracut, Zoology
 EIKENBERRY, ERIC F., Arlington, Biophysics
 ELDRIDGE, GRAEME W., Sterling, Physics
 FABER, JOAN R., Waltham, Genetics
 FAHEY, JOSEPH R., Boston, Economics
 FARKAS, EDWARD J., Cambridge, Engineering
 FEDERER, CHARLES A., III, Belmont, Agriculture
 FELDMAN, PAUL A., Chelsea, Physics
 FETZ, EBERHARD E., Boston, Biophysics
 FISHBANE, PAUL M., Swampscott, Physics
 FITZGERALD, THOMAS J., Boston, Physics
 FOGARTY, JOHN C., Belmont, Mathematics
 FUGLISTER, FREDERICK J., Woods Hole, Mathematics
 GATES, DAVID F., Needham Heights, Economics
 GELL, JONATHAN M., Cambridge, Anthropology
 GERSTMANN, JOSEPH, Malden, Engineering
 GINTIS, HERBERT M., Cambridge, Mathematics
 GODCHAUX, WALTER, III, Cambridge, Biology
 GROSS, DAVID J., Newtonville, Physics
 GUBERTIN, RALPH F., Indian Orchard, Physics
 GUINON, WALTER J., III, Marblehead, Engineering
 HALPERN, MARTIN B., Cambridge, Physics
 HIGGINS, RICHARD J., Reading, Engineering
 HOLLINS, CLINTON G., North Andover, Engineering
 HORN, HENRY S., Cambridge, Biology
 JOHNSON, KENNETH D., Pittsfield, Mathematics
 KLEIMAN, STEVEN L., Marblehead, Mathematics
 KREFFETZ, ELLIOTT I., Chelsea, Physics
 KRISGE, DAVID T., Framingham, Economics
 LARNER, KENNETH L., Brookline, Earth Sciences
 LEARY, JOHN J., South Deerfield, Mathematics
 LITVACK, JAMES M., Newton, Economics
 LUNDBERG, CHARLES A., Jr., Mattapan, Chemistry
 LYNCH, THOMAS J., Quincy, Chemistry
 MARTINS, JOSEPH F., Cambridge, Chemistry
 MASTERS, STANLEY H., Winchester, Economics
 MCCALL, GEORGE J., Cambridge, Psychology
 MCCAWLEY, JAMES D., Cambridge, Linguistics
 MICHELSON, WILLIAM M., Cambridge, Sociology
 MOORE, PETER B., Brookline, Biophysics
 MOULTON, MARGARET C., Scituate, Chemistry
 MUTCHLER, GORDON S., Cambridge, Physics
 MYRVAGNES, BARBARA B., Winchester, Physics
 NEWTON, VICTOR J., Boston, Physics
 PAOLI, THOMAS L., New Bedford, Physics
 PARADIS, STEPHEN G., Cambridge, Engineering
 PARSONS, SIDNEY B., Amherst, Astronomy
 PAUL, ROBERT A., Concord, Anthropology
 PIZER, STEPHEN M., Winthrop, Mathematics
 POWERS, ROBERT T., Boston, Physics
 PRINCE, JULIAN F., Newton, Mathematics
 RALLS, KENNETH M., Cambridge, Engineering
 RENT, NANCY H., Randolph, Engineering
 RICHARDSON, JONATHAN L., Harwich Port, Zoology
 ROBERTS, MICHAEL, Longmeadow, Engineering
 ROBINSON, ROBERT W., Natick, Mathematics
 ROOT, STEPHEN C., Winchester, Engineering
 ROTHKOPF, MICHAEL H., Newton, Social Sciences
 ROWELL, GLEN A., Groveland, Engineering
 SAVIN, SAMUEL M., Newton Highlands, Earth Sciences
 SCHUSTER, RICHARD H., Cambridge, Psychology
 SEKERKA, ROBERT F., Cambridge, Physics
 SHENIDMAN, SUSAN R., Allston, Psychology
 SIGEL, JAMES L., Newton, Physics
 SINGER, HARVEY A., Waltham, Engineering
 SOCOLOW, ROBERT H., Cambridge, Physics
 SOUTHARD, JOHN B., Cambridge, Earth Sciences
 STANLEY, RICHARD J., Pittsfield, Linguistics
 SULLIVAN, PAUL F., Natick, Physics
 SULLIVAN, ROGER J., North Chelmsford, Physics
 SUTHERLAND, WILLIAM R., Lexington, Engineering
 THOMAS, LEE C., Brookline, Engineering
 TRASK, NEWELL J., Jr., Belmont, Earth Sciences
 WEINER, ROBERT A., Cambridge, Physics
 WEINER, STEPHEN D., West Newton, Physics
 WEINSTEIN, HERBERT G., Swampscott, Engineering
 WEISBERGER, WILLIAM I., Brookline, Physics
 WEISSKOPF, THOMAS E., Cambridge, Economics
 WICKELGREN, BARBARA G., Cambridge, Physiology
 WILKINSON, CHARLES K., Jr., Danvers, Mathematics
 WINKLER, HERBERT H., South Easton, Physiology
 WOOD, BENJAMIN H., Jr., West Springfield, Engineering
 YEGIAN, CHARLES D., Amherst, Biophysics

Cooperative Graduate

AUSLANDER, DAVID M., Somerville, Engineering
 BERGER, STEPHEN D., Cambridge, Sociology
 CHUTORANSKY, PETER, Jr., Hudson, Engineering
 COOPER, WILLIAM W., IV, Leominster, Engineering
 COSMAN, ERIC R., Arlington, Physics
 CRABTREE, DOUGLAS E., Needham, Mathematics
 DECOURCY, DANIEL J., Jr., Boston, Engineering
 EBBETT, BALLARD E., Quincy, Earth Sciences
 FOX, HERBERT L., Brookline, Physics
 GAMACHE, ADRIEN E., Lynn, Agriculture
 GLASER, JEROME I., Athol, Engineering
 GOODMAN, LAWRENCE A., Swampscott, Engineering
 HATFIELD, COLBY R., Jr., Leominster, Anthropology
 HENRY, BRUCE R., Pittsfield, Mathematics
 KELLEHER, JAMES J., Boston, Mathematics
 LIEBERMAN, BURTON B., Brookline, Mathematics
 MOLINAR, JUDITH A., Barre, Mathematics
 PICARD, RICHARD H., Boston, Physics

POWERS, EDWARD J., Pittsfield, Chemistry
RABOLD, GARY P., Boston, Chemistry
ROTHWELL, PAUL L., Wareham, Physics
SHAPIO, GERALD N., Everett, Engineering
SHAW, BRENDA B., Cambridge, Zoology
SMITH, HENRY I., Jr., Littleton, Physics
STICKLER, DAVID B., Swansea, Engineering
THOMAS, IRVING H., Brookline, Physiology
VANDEWOESTINE, ROBERT V., Andover, Engineering
WARNER, FRANK W., III, Watertown, Mathematics
WILLIAMS, RICHARD S., Jr., Needham Heights, Earth Sciences

Graduate Teaching Assistant

ADEY, WALTER H., Medford, Botany
BOYD, SYLVIA L., Boston, Physics
CORLISS, SYLVIA, Gloucester, General Biology
COTE, WILLIAM E., Agawam, Earth Sciences
DEYRUP, CYNTHIA L., Cambridge, Chemistry
DOE, FRANK J., Chestnut Hill, Genetics
EBBETT, BALLARD E., Quincy, Earth Sciences
EVNIN, ANTHONY B., Cambridge, Chemistry
FARRELL, MARCUS J., Worcester, Physiology
GLOWACKI, ELLEN R., Winchester, Biochemistry
GREECHIE, RICHARD J., Dorchester, Mathematics
GROSS, KENNETH I., Everett, Mathematics
HOLMES, RICHARD B., Malden, Mathematics
INGRAHAM, MARTHA J., Worcester, Earth Sciences
LINARES, OLGA F., Cambridge, Anthropology
MACDONALD, ALEXANDER, JR., East Bridgewater, Chemistry
PARSONS, TIMOTHY F., Cambridge, Chemistry
PAULSEN, DUANE E., Belmont, Chemistry
RALLS, KATHERINE S., Cambridge, Physiology
REID, HAY B., Jr., Osterville, Botany
SCANLON, PATRICIA M., Holyoke, Chemistry
SEGAL, ROBERT, Boston, Mathematics
SHAW, FREDERICK C., Cambridge, Earth Sciences
STEVENS, CHANDLER H., Jr., Bedford, Economics
SUTHERS, RODERICK A., Cambridge, Physiology
WINNER, JOHN M., Wakefield, General Biology

Postdoctoral

BURNETT, JOSEPH W., Dedham, Medical Sciences
COLLERY, ARNOLD, Amherst, Economics
FESSENDEN, JUNE M., Whitinsville, Medical Sciences
FISH, RICHARD W., Weston, Chemistry
GERSTEIN, IRA S., Cambridge, Physics
GIBB, THOMAS R. P., Winchester, Chemistry
KEITT, ALAN S., Boston, Medicine
KRONAUER, RICHARD E., Harvard, Engineering
LEVINE, JEROME P., Arlington, Mathematics
LOCKSHIN, RICHARD A., Northampton, Zoology
LUKAS, GEORGE, Boston, Chemistry
MATHEWS, MICHELINE M., Cambridge, Microbiology
SHAKIN, CARL M., Cambridge, Physics
STOLZENBERG, GABRIEL, Cambridge, Mathematics
VAUGHAN, MAURICE H., Jr., Cambridge, Biophysics
WARNER, JONATHAN R., Boston, Biophysics

Senior Postdoctoral

KLEIN, HAROLD P., Waltham, Genetics
LEVINE, ROBERT P., Cambridge, Biochemistry
PALAIS, RICHARD S., Waltham, Mathematics
SOLOW, ROBERT M., Cambridge, Economics

Science Faculty

DAVISON, WELLEN G., Boston, Engineering
GARRETT, WILLIAM R., Jr., North Andover, Engineering
GUINDON, REVEREND WILLIAM, Chestnut Hill, Physics
HEXTER, WILLIAM M., Amherst, Genetics
KERTNER, STANLEY, Amherst, Mathematics
LONG, ROBERT, II, Worcester, Physics
MARINO, PASQUALE A., Boston, Engineering
MC CARTHY, JOHN R., Worcester, Mathematics
PERRY, BRILLE R., Newton, Chemistry
SHELLEY, JOSEPH F., Kingspoint, Engineering
SILVA, ARMAND J., Worcester, Engineering
WHITNEY, LESTER F., Amherst, Engineering

Summer Fellowships for Secondary School Teachers

FAYBANKS, GEORGE A., III, Rehoboth, Physics
HUTCHINSON, WILLIAM A., Amherst, Botany
KELLETT, JEREMIAH J., Weston, Mathematics
LEEDS, CLARENCE W., III, Sheffield, Mathematics
MCDERMOTT, JOSEPH P., North Borough, Mathematics
POLLARD, MELVIN, Roxbury, Earth Sciences

MICHIGAN

Graduate

ALLARD, MARVEL J., East Lansing, Psychology
ANDERSEN, CARL M., Richmond, Physics
ANDERSON, PETER G., Midland, Mathematics
ARLINGHAUS, FRANCIS J., Detroit, Chemistry
BECK, WILLIAM F., Lansing, Engineering
BIALLAS, MICHAEL J., Pontiac, Chemistry
BROOKS, ELAINE R., Fremont, Physiology
BROT, FREDERICK E., Kalamazoo, Chemistry
BROWN, VERNE R., Birmingham, Engineering
BUTLER, PAUL W., Mount Clemens, Engineering
COBURN, LEWIS A., Ann Arbor, Mathematics
COELING, KENNETH J., Grand Rapids, Engineering
COHEN, JOEL M., Detroit, Psychology
COMPANS, RICHARD W., St. Joseph, Biochemistry
FALICK, ARNOLD M., Detroit, Chemistry
FANSELOW, JOHN L., Kalamazoo, Physics
FANSON, PHILIP L., Mason, Engineering
FELDMAN, LOUIS A., Saginaw, Mathematics
FLEURY, PAUL A., Detroit, Physics
FREEMAN, RICHARD D., Jr., Midland, Mathematics
GILMAN, FREDERICK J., Ann Arbor, Physics
GORDON, GERALD L., Detroit, Mathematics
GUSSIN, GARY N., Detroit, Biophysics
GUYER, MELVIN J., Detroit, Psychology
HARWOOD, CLIFFORD, Kalamazoo, Physics
HEMESATH, NORBERT B., East Lansing, Engineering
HEYT, JOHN W., Grand Rapids, Engineering
HINTON, FREDERICK L., Yale, Physics
HOGE, GOTTFRIED, Detroit, Zoology
HUBBARD, JOHN P., Pleasant Ridge, Zoology
HUBBELL, STEPHEN P., Ann Arbor, Biology
JENSEN, JOSEPH T., Muskegon, Genetics

JOKIPIII, JACK R., Ironwood, Physics
 KELLY, ROBERT C., St. Joseph, Chemistry
 KNUTSON, ROGER M., East Lansing, Botany
 KOCH, STEPHEN D., North Muskegon, Botany
 KRATZ, LAWRENCE J., Detroit, Mathematics
 LEPAGE, JAMES J., East Lansing, Physics
 LOCKER, JOHN S., Detroit, Mathematics
 MAKI, DANIEL P., Negaunee, Mathematics
 MASON, LARRY G., Wyandotte, Zoology
 MCBRIDE, JOSEPH F., St. Louis, Engineering
 MCILRATH, THOMAS J., East Lansing, Physics
 MCVAUGH, MICHAEL R., Ann Arbor, History and Philosophy of Science
 MOBERLY, WALTER R., Ann Arbor, Biology
 NOWLIN, JULIA M., Flint, Mathematics
 OLSON, ROBERT D., Iron Mountain, Physiology
 OPASKAR, CARL G., Ypsilanti, Biophysics
 OSTERINK, LARRY M., Grand Rapids, Engineering
 PALMER, PATRICK E., Lansing, Physics
 PARIZEK, ROBERT J., Bay City, Engineering
 PETRIE, TED E., Lansing, Mathematics
 PRICE, JOHN A., Ann Arbor, Anthropology
 QUAIFFE, ARTHUR W., Dearborn, Mathematics
 ROSENTHAL, PETER M., Ypsilanti, Mathematics
 RUESINK, ALBERT W., Adrian, Botany
 RUHL, ROBERT C., Saginaw, Engineering
 SALTER, KATHLEEN C., Detroit, Mathematics
 SIEGFRIED, EDWARD G., Mount Clemens, Mathematics
 SLAKEY, SR. PAUL M., Adrian, Biochemistry
 SLOBIN, DAN I., Detroit, Psychology
 SPITZER, ROBERT H., Jr., Detroit, Engineering
 TELLER, ANDREW S., Ann Arbor, Engineering
 VEDEJS, EDWIN, Grand Rapids, Chemistry
 WALTERS, DAVID R., Battle Creek, Physiology
 ZACKS, JAMES L., Iron Mountain, Psychology

Cooperative Graduate

ANDREWS, RONALD A., Pontiac, Physics
 AUBEL, JOSEPH L., Lansing, Physics
 BAERWALDT, JAMES W., Ann Arbor, Psychology
 BARBER, FREDERICK W., Birmingham, Mathematics
 BARNETT, WILLIAM K., Detroit, Sociology
 BARTHOLOMEW, ROBERT C., Grand Rapids, Mathematics
 BEIRNE, PATRICK D., Detroit, Chemistry
 BREMER, BRADLEY A., East Lansing, Psychology
 CAPLE, RONALD, Ann Arbor, Chemistry
 COHEN, MARSHALL M., Ann Arbor, Mathematics
 DICKINSON, J. THOMAS, Kalamazoo, Physics
 DILLING, ROGER L., East Lansing, Physics
 DONAHUE, JULIAN P., Harbor Beach, Zoology
 EAGLY, ALICE J. H., Ann Arbor, Psychology
 ELLER, ANTHONY I., Detroit, Physics
 ERICKSON, KAREN C., Ypsilanti, Mathematics
 FLOYD, RICHARD L., Pontiac, Psychology
 FOOT, FRIEDA L., Benton Harbor, Sociology
 FORBES, WILLIAM C., Pontiac, Botany
 FORSYTH, JOHN J., East Lansing, Engineering
 GORANSON, MONA M., Crystal Falls, Earth Sciences
 GRIFFITH, DEAN L., Kalamazoo, Chemistry
 HALL, RICHARD S., Eaton Rapids, Mathematics
 HAVLICEK, STEPHEN C., Holland, Chemistry
 HUNTER, KENNETH M., Muskegon, Mathematics

KAMERSCHEN, DAVID R., East Lansing, Economics
 KATZ, DARRYL, Detroit, Psychology
 KEANA, JOHN F. W., Benton Harbor, Chemistry
 KING, JOHN M., Ann Arbor, Chemistry
 KURCZYNSKI, THADDEUS W., Hamtramck, Anthropology
 LEMERT, JAMES B., East Lansing, Social Sciences
 LUEHRS, DEAN C., Lansing, Chemistry
 MASON, JAMES A., North Muskegon, Social Sciences
 METZLER, RICHARD C., Detroit, Mathematics
 MITCHELL, TERRY M., Detroit, Engineering
 PATTERSON, BLAKE R., Royal Oak, Social Sciences
 POSLER, JEANETTE, Detroit, Chemistry
 RANDALL, CHARLES M., East Lansing, Physics
 RETTIG, THOMAS A., Flint, Chemistry
 SCHILLING, CAROL A., Ann Arbor, Anthropology
 SIGSBEE, RAYMOND A., Allen Park, Engineering
 SMALLWOOD, DENNIS E., Southfield, Mathematics
 SMART, JAMES B., Detroit, Chemistry
 TORNBURG, NEAL E., Detroit, Physics
 WEBSTER, MARY M., Grand Rapids, Psychology
 WESTOVER, CHARLES J., Plymouth, Biophysics
 WHITING, GORDON C., East Lansing, Social Sciences
 WRIGHT, ROGER L., Royal Oak, Mathematics

Graduate Teaching Assistant

BALKS, EDITE V., Battle Creek, Physiology
 BERNDT, BRUCE C., Stevensville, Mathematics
 BESTER, JULIAN J., Detroit, Physics
 BICKEL, THOMAS F., Detroit, Mathematics
 BROT, FREDERICK E., Kalamazoo, Chemistry
 BURKEY, BRUCE C., East Lansing, Physics
 CLIFFORD, LOREN R., Detroit, Physics
 COHEN, JOEL M., Detroit, Psychology
 CUBITT, EARL D., Sandusky, Engineering
 FALK, JAMES E., Ann Arbor, Mathematics
 GILGEN, ALBERT R., East Lansing, Psychology
 HAIRE, RICHARD G., East Lansing, Chemistry
 HAWKINS, ROGER E., Grass Lake, Psychology
 HOMEISTER, OWEN E., Mason, Earth Sciences
 ISTOCK, CONRAD A., Pinckney, General Biology
 JACKSON, DENNIS C., East Lansing, Botany
 JANOWITZ, MELVIN F., Detroit, Mathematics
 LEVINE, JOSEPH R., East Lansing, Psychology
 MCKAY, JAMES B., Detroit, Chemistry
 MCPHAIL, SHELVY C., Jr., East Lansing, Sociology
 MICHAELS, JERALDINE A., Detroit, Microbiology
 MITCHELL, JOHN A., East Detroit, Physics
 NIEDRINGHAUS, THOMAS E., East Lansing, Earth Sciences
 PERFITT, THOMAS E., East Lansing, Engineering
 PERRY, CLIFFORD R., Detroit, Mathematics
 PETRILLE, DENNIS G., Grosse Pointe Park, Engineering
 RAMSEY, JAMES H., Detroit, Mathematics
 ROBINSON, MARY J., Fenton, Microbiology
 SCHMIEGEL, KLAUS K., Dearborn, Chemistry
 SCHREINER, ERIK A., Detroit, Mathematics
 SIGSBEE, RAYMOND A., Allen Park, Engineering
 SNEDEN, LAWRENCE E., Lansing, Sociology
 SOLOMON, DONALD W., Detroit, Mathematics

TAYLOR, GERALD D., Ann Arbor, Mathematics
TRUBBY, JEANNE D., Grosse Pointe Farms, Microbiology
VANDERLIND, MERWYN R., Grand Rapids, Physics
YBARRONDO, LAWRENCE J., Detroit, Engineering

Postdoctoral

BAKER, DAVID B., Saline, Botany
CARROLL, ROBERT L., Mason, Earth Sciences
HARRISON, HALSTEAD, Ann Arbor, Chemistry
PAUL, COLEMAN, Detroit, Psychology
SAHLINS, MARSHALL D., Ann Arbor, Anthropology
SARASON, DONALD E., Detroit, Mathematics
SEDLIN, ELIAS D., Detroit, Physiology
TING, CHAO C., Ann Arbor, Physics

Senior Postdoctoral

CASE, KENNETH M., Ann Arbor, Physics
HECHT, KARL T., Ann Arbor, Physics
KIRSCHNER, STANLEY, Detroit, Chemistry

Science Faculty

BUND, ROBERT W., Flint, Engineering
CLARK, PHILIP J., East Lansing, Mathematics
COWAN, ARCHIBALD B., Ann Arbor, Zoology
COWAN, D. ROSS, Ann Arbor, Mathematics
DUKE, RICHARD D., East Lansing, Other Social Sciences
DUNGY, WILBUR L., Jackson, Physiology
JANKE, ROBERT A., Houghton, Botany
KINSINGER JACK B., East Lansing, Chemistry
KRUOLAK, HAYM, Kalamazoo, Physics
MEIKE, GERALD E., Detroit, Mathematics
SCHERBA, MICHAEL B., Detroit, Engineering
SECHLER, ROBERT E., Kalamazoo, Mathematics
STEVENS, HARRY K., Kalamazoo, Zoology
TURNER, WALTER W., Flint, Mathematics

Summer Fellowships for Secondary School Teachers

BIDWELL, JAMES K., Bay City, Mathematics
BROD, HERBERT M., Oak Park, Mathematics
BRUMELS, GORDON K., Kalamazoo, Mathematics
FREEMAN, ELLIS D., Southfield, Mathematics
HERLEIN, GEORGE L., Romeo, Mathematics
LAMBERT, SR. J. THERESE, Lansing, Mathematics
MILES, IRENE P., Kalamazoo, Mathematics
NEWMYER, JOSEPH, JR., Muskegon, Mathematics
PYNE, JAMES H., Flint, Physics
TAYLOR, GERALD R., Farmington, Biology
TURLO, JOHN B., Farmington, Botany
VAN CONANT, DABREL L., Warren, Mathematics
WILKINSON, RUTH M., Mattawan, Mathematics

MINNESOTA

Graduate

ANDERSON, ROBERT J., Minneapolis, Chemistry
ANDERSON, ROGER J., Minneapolis, Chemistry
BANGERTER, BENEDICT W., St. Paul, Chemistry
BERG, KENNETH R., Minneapolis, Mathematics

BLEHERT, SANDRA L., Minneapolis, Psychology
CANNER, MARTHA K., Minneapolis, Microbiology
CARLSON, KEITH J., White Bear Lake, Earth Science
DARLEY, JANET B., Minneapolis, Sociology
DARLEY, JOHN M., Minneapolis, Psychology
DERAAD, LESTER L., JR., St. Paul Park, Physics
DEUTSCHE, CRAIG W., Minneapolis, Chemistry
ECKLUND, STANLEY D., Minneapolis, Physics
ENEMARK, JOHN H., Tyler, Chemistry
FORSTROM, LEE A., Lanesboro, History and Philosophy of Science
GALLISTEL, CHARLES R., Wayzata, Psychology
HAJICEK, JAMES D., Minneapolis, Physics
HEDMAN, STEPHEN C., Duluth, Genetics
HEGSTROM, ROGER A., Waconia, Chemistry
HILDEN, SHIRLEY A., Montevideo, Physiology
HOFFMAN, JOHN R., Zumbrota, Engineering
HUME, GARY W., Minneapolis, Anthropology
JAMES, DAVID E., St. Paul, Earth Science
JENSEN, TIMOTHY B., Minneapolis, Engineering
JOHNSON, LANE R., Pipestone, Earth Science
JOHNSON, LELAND G., Hadley, Physiology
KAMPEN, GARRY R., Le Sueur, Mathematics
KUHFIELD, ALBERT W., Morris, Physics
KUNZ, LOUIS W., Mapleton, Physics
LOKEN, JAMES G., Minneapolis, Physics
LOKEN, MAXINE E., Ada, Anthropology
LUKE, JON C., Minneapolis, Mathematics
MCKENZIE, DOUGLAS H., Minneapolis, Anthropology
NEWMAN, RILEY D., St. Paul, Physics
NICKUM, JOHN G., Stewartville, Zoology
NISSSEN, CHARLES W., St. Paul, Engineering
NORMAN, CARL E., Cokato, Earth Science
OJAKANGAS, RICHARD W., Warba, Earth Science
RASMUSSEN, ROBERT A., Mankato, Biology
ROVAINEN, CARL M., Excelsior, Physiology
RUSH, KENT R., Minneapolis, Chemistry
SCHLEINITZ, HENRY M., Duluth, Engineering
SELL, DARRELL D., Buffalo Lake, Physics
SOMERO, GEORGE N., Ely, Biology
STARR, JAMES B., Minneapolis, Engineering
STRYK, ROBERT A., St. Paul, Physics
TULENE, NEAL A., St. Paul, Genetics
WEISBROD, RITA J., Minneapolis, Sociology

Cooperative Graduate

BERG, JOHN C., Hopkins, Engineering
BRODSKY, STANLEY J., St. Paul, Physics
BULLOCK, CHARLES E., Lengby, Engineering
BURKEL, WILLIAM E., North Mankato, Zoology
CONDIFF, DUANE W., St. Paul, Engineering
DENN, MORTON M., St. Paul, Engineering
FILLMORE, JAY P., Minneapolis, Mathematics
FLEMING, DAVID P., Minneapolis, Engineering
FORSTROM, RICHARD J., Minneapolis, Engineering
GARON, ALLAN M., Duluth, Engineering
GREEN, RICHARD F., Duluth, Mathematics
GROVE, LARRY C., Minneapolis, Mathematics
HUNEKE, JOHN C., St. Paul, Physics
INGLIS, JOHN D., Minneapolis, Mathematics
JANSEN, RAYMOND A., Lamberton, Engineering
JEWBSURY, WILBUR G., Mankato, Chemistry
JOHNSON, ROY A., Solway, Chemistry
JOHNSON, WAYNE D., Becker, Engineering

JORDAN, MARY A., St. Paul, General Biology
KLINE, KENNETH A., Minneapolis, Engineering
KUEBLS, JAMES D., St. Paul, Mathematics
LARDY, LAWRENCE J., Minneapolis, Mathematics
LEENIAK, THOMAS W., Minneapolis, Physics
LOOK, DAVID C., Anoka, Physics
LUND, DAVID H., Roseau, Psychology
MUTSCH, EDWARD L., Minneapolis, Chemistry
NELSON, CARROLL A., Rothsay, Mathematics
NORD, RICHARD P., Rothsay, General Biology
O'BRIEN, THOMAS W., Rochester, Physiology
PALMER, DIANE J., Minneapolis, General Biology
PIERSKALLA, WILLIAM P., Bemidji, Mathematics
POTSWALD, HERBERT E., Duluth, Zoology
PTASHNE, MARK S., Minneapolis, Zoology
ROSENFELD, JOAN S., Minneapolis, Chemistry
SANDLER, STANLEY I., Minneapolis, Engineering
SCHEMEL, WALTER R., Minneapolis, Engineering
SELLSTEDT, JOHN H., Minneapolis, Chemistry
SMITH, FRANKLIN C., Jr., St. Paul, Physics
TORRANCE, KENNETH E., Minneapolis, Engineering
VOSS, GORDON O., Minneapolis, Engineering
WASSINK, DARWIN, Edgerton, Economics
WHITE, DOUGLAS R., Minneapolis, Anthropology
WOLF, CALVIN J., New Ulm, Engineering
WOLLNER, THOMAS E., Rochester, Chemistry
WOODWORTH, GEORGE G., Minneapolis, Mathematics
ZIPOY, ROGER T., Minneapolis, Mathematics

Graduate Teaching Assistant

ANDERSON, GARY L., Bemidji, Mathematics
BERGMAN, CLARK, St. Paul, Physics
BLACK, ALBERT W., Minneapolis, Engineering
BOYD, RICHARD N., Minneapolis, Physics
BREDESON, JON G., Hawley, Engineering
COFFMAN, ROBERT E., Minneapolis, Chemistry
DEASON, JAMES R., Minneapolis, Chemistry
DUMONCEAUX, ROBERT H., Oak Park, Mathematics
FORBES, RICHARD B., Minneapolis, General Biology
FOSS, FREDERICK W., Jr., Winona, Chemistry
GREWE, ALFRED H., Jr., Saint Cloud, Zoology
GRONNER, JOAN E., Underwood, Sociology
GUNDERSON, PAUL E., Moorhead, Engineering
HAGER, RICHARD A., Minneapolis, Mathematics
HART, RICHARD B., St. Paul, Chemistry
HERICKHOFF, ROBERT J., Belgrade, Physics
HILDEN, SHELLEY A., Montevideo, Physiology
HINDERMAN, JERRY D., Minneapolis, Engineering
HYDUKE, SONJA L., St. Peter, Physiology
JOHNSON, ROY A., Solway, Chemistry
KUEBLS, JAMES D., St. Paul, Mathematics
LARSON, WILLARD D., Austin, Chemistry
MUTSCH, EDWARD L., Minneapolis, Chemistry
NYQUIST, LAURENCE E., Tracy, Physics
ORWOLL, ROBERT A., Minneapolis, Chemistry
OSBORN, JOHN E., Minneapolis, Mathematics

PRATT, SUSAN A., Minneapolis, General Biology
PULKRABEK, WILLARD W., St. Paul, Engineering
RECK, MARY K., Minneapolis, Chemistry
ROSENFELD, JOAN S., Minneapolis, Chemistry
SCHWARTZ, GAYLORD P., Minneapolis, Mathematics
SELLSTEDT, JOHN H., Minneapolis, Chemistry
TERRELL, KATHLEEN L., Nopeming, Zoology
THEISSEN, ROBERT J., St. Paul, Chemistry
VALENTAS, KENNETH J., Minneapolis, Engineering
WEBBER, PAUL W., Minneapolis, Earth Sciences
WOODBURY, GEORGE W., Jr., Minneapolis, Chemistry
ZEMAN, RONALD J., St. Paul, Engineering

Postdoctoral

AHEEN, PATRICK R., St. Paul, Mathematics
CONWAY, THOMAS W., St. Paul, Biochemistry
GIBBS, JAMES L., Jr., Minneapolis, Psychology
GUTTMAN, BURTON S., Minneapolis, Biology
HELLING, ROBERT B., Madella, Genetics
HULLAR, THEODORE L., Minneapolis, Biochemistry
MILLER, FRANK C., Northfield, Anthropology
ROSE, RICHARD J., Fairmont, Psychology
VISTE, ARLEN E., Northfield, Chemistry
WARDEN, ROBERT B., St. Cloud, Engineering

Senior Postdoctoral

BRITTON, JOHN D., Minneapolis, Chemistry

Science Faculty

ANDERSON, GARY C., St. Paul, Mathematics
FLUEGEL, WALTER, Duluth, Microbiology
HANSON, HOWARD G., Duluth, Physics
OBERPRILLER, JOHN O., Minot, Zoology
ORR, HOWARD D., Northfield, Biology
REITZ, ROBERT A., Northfield, Physics
STENBERG, WARREN B., Minneapolis, Mathematics

Summer Fellowships for Secondary School Teachers

BECKLUND, LESTER A., Minneapolis, Mathematics
BURTON, RONALD F., Minneapolis, Biology
HOWELL, FRANCIS L., Marshall, Physics
JOHNSON, DOUGLAS H., Minneapolis, Zoology
LEARY, ROGER D., Richfield, Mathematics
NELSON, ROBERT D., Shakopee, Mathematics
NORLAND, FLOYD H., Minneapolis, Biology

MISSISSIPPI

Graduate

BALGORD, WILLIAM D., Jackson, Earth Sciences
DRANE, DOUGLAS O., Jackson, Engineering
MILLER, WILLIAM H., Jackson, Chemistry
PATTERSON, JOHN D., Ellisville, Engineering
PRIESTLEY, WILLIAM M., Rosedale, Mathematics
ROBERTS, JERRY P., Hattiesburg, Physics

Cooperative Graduate

BURNETT, JOSEPH C., Jr., Meridian, Engineering

CARRAWAY, KERMIT L., Utica, Chemistry
MCALPIN, JAMES J., Jackson, Chemistry
PENTON, JAMES R., Columbia, Chemistry
TREVATHAN, VERNON L., Jr., Meridian, Engineering

Graduate Teaching Assistant

BELL, JIMMY T., Oxford, Chemistry
CARRAWAY, KERMIT L., Utica, Chemistry
CONNOR, JACK M., Jackson, Chemistry
GUSLER, LEE T., State College, Engineering
HILL, SUSAN C., Philadelphia, Botany
MAPLES, DAGO, Perkinson, Engineering
TANNER, ARTHUR C., New Albany, Mathematics

Postdoctoral

SIMMS, JAMES C., Jackson, Mathematics

Science Faculty

MILLIGAN, BARTON, Oxford, Chemistry

Summer Fellowships for Secondary School Teachers

GOUDELICK, BIRMA M., Bruce, Mathematics
OSBORN, WILLIAM H., Iuka, Chemistry
WINSTEAD, ROBERT L., Gulfport, Mathematics

MISSOURI

Graduate

ADAMS, DAVID B., Neosho, Psychology
ANDERSON, DAVID K., Joplin, Chemistry
BARWISE, KENNETH J., Independence, Mathematics
BROWN, JOHN W., Jenkins, Engineering
CASEY, CHARLES P., St. Louis, Chemistry
CHIRPICH, THOMAS P., Kansas City, Biochemistry
CLEMMENTS, JOHN L., Gallatin, Engineering
DRDA, WAYNE J., St. Louis, Engineering
ECKERT, CHARLES A., St. Louis, Engineering
ELSON, ELLIOT L., Ladue, Biochemistry
FORNEY, G. DAVID, Jr., St. Louis, Engineering
HERKSTROEGER, WILLIAM G., St. Louis, Chemistry
HILLIX, M. KAREN, St. Joseph, Psychology
HOFFMAN, EDWARD J., St. Louis, Chemistry
HOUK, RICHARD D., Springfield, Botany
HUSTON, ROBERT E., Windsor, Engineering
JONES, ROBERT H., Webster Groves, Economics
KREWINGHAUS, ARTHUR B., St. Louis, Engineering
KURTZ, THOMAS G., La Plata, Mathematics
LAU, RICHARD L., Kansas City, Mathematics
LICHT, PAUL, St. Louis, Physiology
LINCK, PATRICIA A., Kirkwood, Psychology
MUNCH, JOHN H., Webster Groves, Chemistry
MURPHY, RALPH A., St. Louis, Engineering
O'BROCK, ARTHUR E., Richmond Heights, Mathematics
PINCKERT, RICHARD E., St. Louis, Engineering
ROEDER, JOHN L., Webster Groves, Physics
SANDER, LEONARD M., University City, Physics
SCHWARTZ, STEPHEN E., University City, Chemistry
SELVIDGE, CHARLES W., Eureka, Engineering
SMITH, DOUGLAS, St. Joseph, Earth Sciences
WEINBACH, JO L., St. Louis, Zoology
ZWART, PHILIP B., Florissant, Mathematics

Cooperative Graduate

BOUMAN, THOMAS D., Clayton, Chemistry
BOWERS, JOHN E., Jr., St. Louis, Chemistry
BRINKMAN, WILLIAM F., Jr., Columbia, Physics
COCHRAN, RUSSELL V., Jr., St. James, Physics
COOK, ROBERT A., University City, Mathematics
EARLY, CHARLES T., Baring, Physics
GREENE, HARVEY W., Moberly, Mathematics
GUERNSEY, ROBERT W., Jr., St. Louis, Physics
HANSS, ROBERT E., St. Louis, Earth Sciences
HUSTON, ROBERT E., Rolla, Engineering
JAMES, PHILIP B., Kansas City, Physics
KEITH, HAROLD D., Spickard, Engineering
LAPOSA, JOSEPH D., University City, Chemistry
MANKA, CHARLES K., Kearney, Physics
MAXWELL, DWIGHT T., Kansas City, Earth Sciences
MCCHESNEY, JAMES D., Hatfield, Chemistry
MENKE, MICHAEL M., Webster Groves, Physics
MITCHELL, WILLIAM C., St. Louis, Physics
PORTER, JACK R., San Francisco, Mathematics
PORTER, LARRY D., Mercer, Engineering
RICE, ROBERT R., Rolla, Physics
ROGERS, PHYLLIS N., Fulton, Economics
SLUSHER, RICHARD E., Higginsville, Physics
SNOW, JOEL A., St. Louis, Physics
STANLEY, JON G., Columbia, Physiology
TOMBAUGH, JOSEPHINE W., Columbia, Psychology
WOLCOTT, SR. DAMIEN, Normandy, Chemistry

Graduate Teaching Assistant

BANKS, LAWRENCE E., Jr., Springfield, Physics
BOWERS, JOHN E., St. Louis, Chemistry
BUCHERT, KENNETH P., Columbia, Engineering
BUNCH, DAVID W., Rolla, Engineering
CANIS, WAYNE F., Columbia, Earth Sciences
CANTERBERY, E. RAY, St. Louis, Economics
CARR, JERRY J., Rolla, Engineering
CHOLEWINSKI, FRANK M., University City, Mathematics
DAVIS, JEFFREY R., St. Louis, Mathematics
ENGLAND, JAMES W., Columbia, Mathematics
FERGUSON, RICHARD B., St. Louis, Physics
GAYER, RICHARD W., Columbia, Chemistry
GLOVER, ALAN D., Canton, Chemistry
GREENE, HARVEY W., Moberly, Mathematics
GRODSKY, IRVIN T., Overland, Physics
HATTEMER, JIMMIE R., St. Louis, Mathematics
HECKENBACH, ALAN J., Columbia, Mathematics
HEIDEN, EDWARD J., St. Louis, Economics
HUNT, RICHARD A., St. Louis, Mathematics
HURWITZ, CAMILLA T., St. Louis, Chemistry
JOHNSON, RICHARD T., Rolla, Engineering
JORDAN, ROBERT W., Clayton, Chemistry
KOVEL, STEVEN M., Rolla, Physics
LEVENTHAL, JACOB J., University City, Physics
MAXWELL, DWIGHT T., Kansas City, Earth Sciences
MITCHELL, WILLIAM C., St. Louis, Physics
MOLL, WILLIAM F., Jr., University City, Earth Sciences
MURRILL, SR. JOHN B., St. Louis, Chemistry

NEAL, WILLIAM J., Columbia, Earth Sciences
PALMER, HAROLD G., Nevada, Physics
RICE, ROBERT R., Rolla, Physics
SAIN, MICHAEL K., St. Louis, Engineering
SCHMIEDERER, JOHN M., St. Louis, General
Biology
SNOW, JOEL A., St. Louis, Physics
VOSS, JUSTIN L., Columbia, Economics
WESTHOFF, DAVID D., St. Louis, Physiology

Postdoctoral

HAZEL, JOSEPH E., Caruthersville, Earth
Sciences

Senior Postdoctoral

TOLMACH, LEONARD J., St. Louis, Biophysics
BURTON, ROBERT M., St. Louis, Biochemistry

Science Faculty

AMSTUTZ, G. CHRISTIAN, Rolla, Earth
Sciences
BERRIER, HARRY H., Columbia, Pathology
BEST, JOHN L., Rolla, Engineering
CHILDRESS, DUDLEY S., Columbia, Engineer-
ing
DOLL, JOHN P., Columbia, Mathematics
HENNING, DALE R., Columbia, Anthropology
OTTO, DAVID A., Columbia, Earth Sciences
TUTT, EVELYN M., Jefferson City, Biology

*Summer Fellowships for Secondary School
Teachers*

BARRETT, HELEN M., St. Louis, Mathematics
BEALMEAR, SR. M. MARGARET, Kansas City,
Biology
DEALL, LOUIS, Clayton, Physics
GOWINS, GENE E., Rolla, Physics
GROS, JEFFREY A., Glencoe, Biology
MARLEY, JAMES R., Mexico, Mathematics
SCOTT, BOB R., Flat River, Mathematics
SKLOSS, ELMER R., Kirkwood, Mathematics

MONTANA

Graduate

HINTZMAN, DOUGLAS L., Polson, Psychology
IHLEB, GARRET M., Great Falls, Biochemistry
JONAS, ROBERT J., Bozeman, Zoology
MANIS, MERLE E., Missoula, Mathematics
SIEVERS, SALLY R., Butte, Mathematics

Cooperative Graduate

CHASE, RONALD B., Missoula, Earth Sciences
DIETZ, F. MICHAEL, Great Falls, Mathematics
KRUEGER, DAVID A., Sidney, Physics
SILVER, JACK H., Missoula, Mathematics
STEVENS, DAVID R., Bozeman, Zoology

Graduate Teaching Assistant

CHASE, RONALD B., Missoula, Earth Sciences
MEAD, RODNEY A., Missoula, Zoology

Science Faculty

HEINRICH, ALBERT C., Missoula, Anthro-
pology

*Summer Fellowships for Secondary School
Teachers*

BEYHAN, SR. PETER, Billings, Biology
KINGSBURY, ANNA R., Great Falls, Microbi-
ology
MCKENVER, EUGENE R., Fort Benton, Biology

NEBRASKA

Graduate

ANDERSON, MARGARET E., Blair, Zoology
CARROLL, HUGH S., Lincoln, Mathematics
CASSEL, DAVID G., Ainsworth, Physics
DORNHOFF, LARRY L., Heartwell, Mathe-
matics
FRAHM, RICHARD R., Lyman, Genetics
GAIDIS, JAMES M., North Platte, Chemistry
HIGGS, WILLIAM J., Rushville, Psychology
LACINA, WILLIAM B., Omaha, Physics
LINTZ, LARRY M., Big Springs, Psychology
LUKENBACH, ELVIN R., Scottsbluff, Chemis-
try
NOREM, PHILIP C., Omaha, Physics
PEARSON, JERRY D., Ponca, Engineering
RAKOWSKI, JAMES J., Omaha, Economics
SPEIER, RICHARD H., Omaha, Biophysics
WILLIAMS, LARRY G., Hickman, Genetics
WILLIAMS, ROGER, G., Johnstown, Chemistry
WRIGHT, BRADFORD L., Lincoln, Physics

Cooperative Graduate

CHURCH, JAMES D., Lincoln, Mathematics
JANOVI, DAVID L., Lincoln, Sociology
MAXWELL, DOUGLAS P., Lincoln, Botany
THOMAN, EVELYN B., Lincoln, Psychology
WHEAT, MARY L., Hastings, Mathematics

Graduate Teaching Assistant

DUYSEN, MURRAY E., Lincoln, Botany
HUGHES, EUGENE M., Chadron, Mathematics
MCARTHUR, DONALD E., Atlanta, Physics
PRATHER, THOMAS L., Kearney, Earth Sci-
ences

Postdoctoral

ANDERSON, JOHN C., Lincoln, Medical Science
PARK, JOHN T., Lincoln, Physics

Science Faculty

SMITH, MARLE D., Kearney, Physics
SWANSON, JACK L., Omaha, Chemistry
WAGNER, REVEREND CLARENCE M., Chadron,
Physics

*Summer Fellowships for Secondary School
Teachers*

RILEY, MARION R., Scottsbluff, Biology
VANOVER, BENJAMIN, Holdrege, Zoology
WALLACE, WAYNE W., Burwell, Mathematics

NEVADA

Graduate

TING, IRWIN P., Reno, Botany

Cooperative Graduate

COONEY, GARY D., Reno, Botany

Graduate Teaching Assistant

HEBBER, LAWRENCE J., Reno, Earth Sciences

Science Faculty

CARLSON, JAMES J., Reno, Engineering

NEW HAMPSHIRE

Graduate

HUBBARD, LINCOLN B., Exeter, Physics
O'MALLEY, ROBERT E., Somersworth, Mathe-
matics
SWIFT, CHARLES M., Jr., Exeter, Earth Sci-
ences

TAKK, FREDERICK C., Concord, Chemistry
TOBIN, ALLAN J., Manchester, Biophysics
WATERMAN, ASA, Woodsville, Engineering

Cooperative Graduate

COONEY, WILLIAM A., Claremont, Chemistry
GUYETTE, ANNA M., Durham, Psychology
LAMBERT, HELEN H., Dover, Physiology

Graduate Teaching Assistant

CHERTOK, BENSON T., Laconia, Physics
RIEL, STANLEY J., Manchester, Earth Sciences
ROUSSEAU, DENIS L., Franklin, Chemistry

Science Faculty

DENNISON, DAVID S., Hanover, Biophysics
KOLGA, JOHN J., Durham, Engineering
MOSBERG, WILLIAM, Durham, Engineering

NEW JERSEY

Graduate

ACKERMANN, MARTIN N., Williamstown, Chemistry
ADLER, STEPHEN L., Princeton, Physics
ANTONSON, CARL R., Martinsville, Engineering
ASHIN, KENNETH A., Little Silver, Mathematics
BINKLEY, ROGER W., Westfield, Chemistry
BLANCHARD, KENNETH R., Perth Amboy, Chemistry
BROWN, FREDERICK G., West Orange, Zoology
CARROLL, GEORGE C., Plainfield, Botany
CASSIDY, Patrick J., Atlantic Highlands, Chemistry
CHAGNON, SPENCER O., Trenton, Engineering
CHAIKEN, JAN M., Rahway, Mathematics
CLARK, ALBERT H., Jr., Audubon, Physics
COHEN, JEFFREY M., Elizabeth, Physics
COMIZOLI, ROBERT B., Union City, Physics
COOK, ROBERT M., Princeton, Sociology
CORNEIL, PAUL H., Short Hills, Chemistry
CRAIG, JAMES R., Haddon Heights, Earth Sciences
DAVEY, ROBERT F., Madison, Engineering
FEINSTEIN, DAVID L., West Englewood, Engineering
FEIT, IRA N., Princeton, Zoology
FICHTER, BARRY S., Clifton, Engineering
FOLKMAN, JON H., Princeton, Mathematics
FORT, RAYMOND C., Jr., Princeton, Chemistry
FRIEDMAN, KENNETH A., Highland Park, Physics
FRIEDRICH, LOUIS E., Penns Grove, Chemistry
GRANOFF, BARRY, Jersey City, Mathematics
GREENBERG, WILLIAM, Lakewood, Physics
HALPERN, GERALD M., Bayonne, Physics
HAND, BRYCE M., Millville, Earth Sciences
HARTUNG, ROLF, Fairlawn, Zoology
HARVEY, ROBIN J., Rutherford, Physics
HEMMENDINGER, DAVID, Belvidere, Mathematics
HILL, WILLIAM G., Jr., Pleasantville, Engineering
HOOKS, ROGER L., Montclair, Earth Sciences
JACKSON, ANDREW D., Jr., East Orange, Chemistry
KAHN, HILDAGARDE S., Bayonne, Biology
KEENAN, WILLIAM A. E., Wayne, Engineering

KERLEY, GERALD I., Hillsdale, Chemistry
KEVLES, DANIEL J., Princeton, History and Philosophy of Science
KLESKEN, DANIEL L., Trenton, Engineering
KOWAL, ROBERT R., Rochelle Park, Botany
KREUZER, LLOYD B., Princeton, Physics
LAMOLA, ANGELO A., Newark, Chemistry
LANGE, ARTHUR F., Summit, Engineering
LIEBERMAN, DAVID I., South Orange, Mathematics
LITTLE, LEWIS E., Wayne, Physics
LOWENSTEIN, JOHN H., South Orange, Physics
MANSFIELD, RICHARD B., Wayne, Mathematics
MARTIN, GEOFFREY, Ridgewood, Chemistry
MCAVOY, THOMAS J., Princeton, Engineering
MCGRATH, MICHAEL G., Wayne, Chemistry
MCKAY, DOUGLAS W., Tenafly, Engineering
MCMAHON, EDWARD P., Arlington, Engineering
MOORE, PAUL B., Ramsey, Earth Sciences
MOSKOWITZ, WARREN E., Newark, Economics
PINSKY, MARK A., Haddonfield, Mathematics
PRITCHARD, DAVID E., Scotch Plains, Physics
QUILLEN, DANIEL G., East Orange, Mathematics
RHODES, CHARLES K., Chatham, Engineering
ROBERTS, GEORGE W., East Orange, Engineering
RODGERS, PATRICIA E., Moorestown, Microbiology
RUTLEDGE, ROBERT A., Park Ridge, Mathematics
SCHULMAN, LAWRENCE S., Newark, Physics
SELLIN, HELEN G., Englewood, Biochemistry
SONDOW, JONATHAN D., Princeton, Mathematics
STRUZYNSKI, RAYMOND E., Jersey City, Physics
SULLIVAN, JEREMIAH D., Princeton, Physics
THEUER, RICHARD C., Cliffside, Biochemistry
THIESSEN, HENRY A., Dumont, Physics
THRAILKILL, JOHN V., Princeton, Earth Science
VALENTINE, DONALD H., Jr., Montclair, Chemistry
VARIAN, LEE C., Plainfield, Engineering
VEZZETTI, DAVID J., Hoboken, Physics
WAGNER, RICHARD C., Bloomfield, Mathematics
WAGONER, ROBERT V., Jr., West Englewood, Astronomy
WALLACE, ROGER N., Montclair, Engineering
WARD, RICHARD S., Sussex, Engineering
WELLS, JOHN C., Plainfield, Physics
ZANONI, CARL A., Trenton, Physics
ZWICK, MARTIN, Brooklyn, Biophysics

Cooperative Graduate

AKERLOF, GEORGE A., Princeton, Economics
AKLONIS, JOHN J., Elizabeth, Chemistry
ANDERSON, GRANT S., Union, Physics
BARR, ANTHONY J., Summit, Physics
BAUM, MODRIS O., Bloomfield, Physics
BUFFINGTON, JOHN D., Jersey City, General Biology
CALLAN, CURTIS G., Jr., Little Silver, Physics
CALLANAN, JANE E., Sr., Convent Station, Chemistry
CARLSSON, ROBERT J., Norwood, Economics
CHRISTMAN, JUDITH K., Englewood, Biochemistry
COHEN, JACK K., East Orange, Mathematics
COZZARELLI, NICHOLAS R., Jersey City, Biochemistry
EGETH, HOWARD E., Irvington, Psychology
EGHII, CAROL A., Vineland, Engineering

EMPTAGE, MICHAEL R., North Bergen, Chemistry
 FINKELSTEIN, JEROME L., Long Branch, Physics
 FLANIGAN, FRANCIS J., Jersey City, Mathematics
 FOWLER, BRUCE R., Pine Brook, Engineering
 FREEMAN, RICHARD B., Oradell, Economics
 FRIEDMAN, MARCELLE, Newark, Mathematics
 GIFFEN, CHARLES H., Princeton, Mathematics
 GOOD, NORMA K., New Brunswick, General Biology
 GRIFFITH, MARTIN G., Margate, Chemistry
 HABERT, WILLIAM C., Jersey City, Engineering
 HENN, HOWARD C., North Plainfield, Engineering
 HILL, DAVID W., Livingston, Engineering
 HUBERMAN, JOEL A., Maplewood, Biochemistry
 HURLEY, FRANCIS X., Lyndhurst, Engineering
 JESSOP, WARREN H., Midland Park, Engineering
 JORIS, LOUIS, North Bergen, Chemistry
 KELSDEN, GLENN L., Mount Holly, Chemistry
 KJELLGREN, JOHN, Wayne, Chemistry
 KRAUTER, ALLAN I., Newark, Engineering
 LIPPINCOTT, ERA P., Jr., Medford Lakes, Physics
 MCCONVILLE, GEORGE T., Jr., Princeton, Physics
 McCUE, HOWARD K., Jr., Trenton, Physics
 MCKENNEIE, ALEXANDER A., Hackensack, Mathematics
 McLEO, THOMAS J., Teaneck, Mathematics
 MANGES, LILLIAN M., North Brunswick, Psychology
 MIKE, VALERIE, Fords, Mathematics
 OSLER, THOMAS J., Camden, Mathematics
 PETITH, HOWARD C., Livingston, Economics
 PLEVAN, ROBERT E., Ramsey, Engineering
 POLLER, MERLE F., Highland Park, Psychology
 RABINOWITZ, PAUL H., Hillside, Mathematics
 REINERS, WILLIAM A., New Brunswick, Botany
 RELLES, HOWARD M., New Brunswick, Chemistry
 RICHTERS, JOHN S., Mountain Lakes, Engineering
 ROCHE, SR. THERESE A., Convent Station, History and Philosophy of Science
 RUMBILL, GEORGE J., South Orange, Engineering
 SHAPIRO, JOEL A., East Brunswick, Physics
 SMOLOWITZ, LAWRENCE H., Morristown, Mathematics
 SOLODAR, ARTHUR J., West Orange, Chemistry
 STANDAERT, WILLIAM F., Somerset, General Biology
 TARLACH, THOMAS W., Scotch Plains, Engineering
 VARGA, GIBSON M., Ho-Ho-Kus, Chemistry
 WESSELY, ROBERT M., New Brunswick, Physics
 WILEY, DAVID S., Franklin Park, Physics
 WINTERHALTER, DAVID R., Morris Plains, Engineering
 WOODS, ROBERT O., Trenton, Engineering

Graduate Teaching Assistant

ANDERSON, JAMES E., Princeton, Chemistry
 CERKANOWICZ, ANTHONY E., Bayonne, Engineering

CRIST, DELANSON R., Saddle River, Chemistry
 DAHL, NORMAN E., Princeton, Engineering
 DENNEB, GEORGE C., Jr., Livingston, Chemistry
 DRUIN, MELVIN L., East Paterson, Engineering
 FISHER, ARMEN G., New Brunswick, Mathematics
 FREDMAN, PHILIP E., Asbury Park, Psychology
 GAUTREAU, RONALD T., Jersey City, Physics
 GRIFFITH, MARTIN G., Margate, Chemistry
 HARINSKI, JOHN J., Clifton, Mathematics
 HITE, JOE R., Princeton, Engineering
 KNOWLTON, ROBERT E., Short Hills, Zoology
 KURT, BERNHARD G., Union, Engineering
 LIEB, MURRAY I., Newark, Engineering
 LUNA, ROBERT E., Princeton, Engineering
 MANN, RICHARD H., Princeton, Chemistry
 MUIR, JAMES F., Princeton, Engineering
 OSMAN, JACK W., New Brunswick, Economics
 RUBENSTEIN, KENNETH E., Passaic, Chemistry
 SCHULMAN, CAROL A., Westfield, Psychology
 SEYBOLD, PAUL G., Collingswood, Biophysics
 SHERMAN, JOHN D., Westfield, Engineering
 VORONKA, ROMAN W., Irvington, Mathematics
 WEISSBERG, RICHARD S., Princeton, Chemistry
 WESSELY, ROBERT M., New Brunswick, Physics
 WILSON, DONALD B., Princeton, Engineering
 YAFFA, HAROLD, Camden, Botany

Postdoctoral

HUTCHINSON, JOHN W., Bridgeton, Engineering
 KANTOR, PAUL B., Princeton, Physics
 MARTIRE, DANIEL E., Fort Lee, Chemistry
 MCNEAL, ROBERT J., Fort Lee, Chemistry
 NUSBAUM, MORRYE, Englewood, Medical Sciences
 WRIGHT, RICHARD T., Haddonfield, Biology

Senior Postdoctoral

BONINI, WILLIAM E., Princeton, Earth Sciences
 DAILEY, BENJAMIN P., Leonia, Chemistry
 WHEELER, JOHN A., Princeton, Physics

Science Faculty

BUSH, LOUISE F., Madison, Zoology
 EICHHORN, ROGER, Princeton, Engineering
 MONAHAN, EDWARD J., Newark, Engineering

Summer Fellowships for Secondary School Teachers

CELLINI, DOROTHY B., Trenton, Chemistry
 CURRAN, SR. M. ROSALIE, Madison, Biology
 DALTON, MARGARET M., Parsippany, Mathematics
 DAVIDOWSKI, ANTHONY F., Mountain Lakes, Mathematics
 HEMMERLY, HOWARD T., Chatham, Mathematics
 MACHAMER, BARBARA B., Bernardsville, Chemistry
 MOYER, WAYNE A., East Brunswick, Biochemistry
 OXMAN, CHARLES, South River, Biology
 SCHOEN, SR. M. MYRONA, Plainfield, Mathematics
 STEADY, JOSEPH C., Summit, Physics

NEW MEXICO

Graduate

CHANG, GEORGE W., Las Cruces, Biochemistry
COLLIER, GEORGE A., Alcalde, Anthropology
COLLIER, JANE F., Alcalde, Anthropology
HANSEN, ROBERT J., Albuquerque, Engineering
LATHROP, RICHARD G., Elida, Psychology
PERKINS, WALTER G., Albuquerque, Chemistry
SCHOOLEY, DAVID A., Montezuma, Chemistry
SHELAE, WILLIAM J., Los Alamos, Physics
SUTHERLAND, TERRY B., Bayard, Physics
THOMPSON, RICHARD S., Hobbs, Physics

Cooperative Graduate

BALL, RALPH W., Las Cruces, Mathematics
CASE, GLENN R., Albuquerque, Engineering
CHRISTENSON, CHARLES O., Las Cruces, Mathematics
DAYBELL, DOROTHY A., University Park, Mathematics
PELTZER, DOUGLAS L., Las Cruces, Physics
WHITLEY, ROBERT J., Las Cruces, Mathematics

Graduate Teaching Assistant

CALTON, WILLIAM G., Portales, Mathematics
ERDAL, BRUCE R., Albuquerque, Chemistry
GUSTAFSON, WILLIAM G., Albuquerque, Earth Sciences
KEPPLER, PAUL C., University Park, Physics
LEBISHER, WILLIAM B., Santa Fe, Engineering
MILFORD, HOMER E., Santa Cruz, General Biology
MITCHELL, ROGER W., Las Cruces, Mathematics
ROBERTSON, JACKIE M., Tucumcari, Mathematics

Postdoctoral

KIRKLAND, DOUGLAS W., Albuquerque, Earth Sciences
SMALL, AUDREY M., Las Vegas, Chemistry

Senior Postdoctoral

WALKER, ELBERT A., University Park, Mathematics

Science Faculty

CALVERT, FLOYD O., Albuquerque, Engineering
DYRESON, DELMAR A., Las Vegas, Mathematics
YUSUN, CLARE C. C., Albuquerque, Genetics

Summer Fellowships for Secondary School Teachers

EVANS, CARLTON L., Las Cruces, Mathematics
HURST, KENNETH B., Jr., Hobbs, Biology

NEW YORK

Graduate

ALPER, JOSEPH S., Brooklyn, Chemistry
ANDERSEN, HANS C., Brooklyn, Chemistry
ANTHONY, CORRIE V., Floral Park, Physiology
ANTMAN, STUART S., Rockville Center, Engineering
ASH, WILLIAM W., Binghamton, Physics
ASHE, ARTHUR J., III, West Nyack, Chemistry

AUSTER, RICHARD D., Brooklyn, Economics
BAKEMAN, PAUL E., Jr., Pittsford, Engineering
BALLONOFF, MARILYN S., Ithaca, Physiology
BARASE, NAOMI E., Brooklyn, Physics
BAUM, WILLIAM M., New York, Psychology
BECK, BRENDA E. F., New York, Anthropology
BEER, DAVID S., Bronx, Mathematics
BERGER, ROBERT, Freeport, Engineering
BERGMAN, GEORGE M., Brooklyn, Mathematics
BERNSTEIN, URI, Kew Gardens, Physics
BERTSCH, GEORGE F., West Hempstead, Physics
BICKART, PAUL H., Poughkeepsie, Chemistry
BIERON, JOSEPH F., Buffalo, Chemistry
BLUMENTHAL, ROBERT G., Brooklyn, Mathematics
BOYER, TIMOTHY H., Brooklyn, Physics
BOYLAN, STANLEY L., New York, Mathematics
BRAU, CHARLES A., Garden City, Engineering
BRAUN, MARTIN, Brooklyn, Mathematics
BRAUNSTEIN, STEPHEN S., Flushing, Engineering
BREGSTONE, EDWARD, Cambridge, Engineering
BRODY, BORUCH A., Brooklyn, History and Philosophy of Science
BROWN, THEODORE M., Elmhurst, History and Philosophy of Science
BURNS, RICHARD H., Rye, Engineering
CAHILL, KEVIN E., New York, Physics
CARTWRIGHT, RICHARD V., Honeoye Falls, Chemistry
CEASAR, GERALD P., New York, Chemistry
CHI, CARL C., New York, Psychology
CHIPMAN, DAVID M., Brooklyn, Chemistry
CHUCKROW, VICKI L., Brooklyn, Mathematics
CHUTJIAN, ARA, New York, Chemistry
CLAPHAM, WENTWORTH B., Jr., Chappaqua, Earth Sciences
COGGSHALL, WILLIAM L., Ithaca, Engineering
COHEN, ALLEN J., Brooklyn, Physics
COHEN, NATALIE S., Floral Park, Pathology
COLE, RANDALL K., Jr., Ithaca, Physics
COLE, STEPHEN, Sunnyside, Sociology
COON, DARRYL D., Bolton Landing, Physics
COOPERMAN, BARRY S., Flushing, Chemistry
CORNWELL, ROBERT G., Rochester, Physics
CURCI, JUDITH A., Elmhurst, Mathematics
DRGLOPPER, DONALD R., Kenmore, Anthropology
DELSON, MARTIN G., Laurelton, Physics
DEMEO, EDGAR A., Yonkers, Engineering
DEUTSCH, DAVID N., Brooklyn, Engineering
DIAMOND, HAROLD G., Wurtsboro, Mathematics
DONALDSON, JOAN A., Bronx, Mathematics
DONNELLY, JOSEPH P., Brooklyn, Engineering
DOOLEY, PETER C., ITHACA, Economics
DOSHAN, HAROLD D., Brooklyn, Chemistry
DRISCOLL, MICHAEL J., Buchanan, Engineering
DRUMIN, WILLIAM A., New York, Physics
DUSHMAN, MIRIAM B., New York, Microbiology
ECKHART, WALTER, Yonkers, Biophysics
EIMERS, LEROY E., Ripley, Physiology
EISENBERG, ROBERT S., New Rochelle, Biophysics
FALTZ, LEONARD M., Bronx, Mathematics
FARLEY, THOMAS S., New York, Physiology
FEIN, BURTON I., Brooklyn, Mathematics
FELDER, RICHARD M., Long Island City, Engineering
FELDMAN, LINDA S., Forest Hills Psychology

FENICHEL, ROBERT R., New York, Mathematics
FENSTER, STEVEN R., Belle Harbor, Economics
FINKEL, PAUL A., Bronx, Mathematics
FOYTS, LEONARD J., Depew, Engineering
FREED, KARL F., Brooklyn Engineering
FRIEDMAN, DAVID, Brooklyn, Mathematics
GRIS, FLORENCE L., New York, Psychology
GRWITZ, STEPHEN J., Brooklyn, Mathematics
GILMORE, ROBERT, Long Island City, Physics
GILSON, BRUCE R., New York, Chemistry
GLAUBERMAN, GEORGE, Richmond Hill, Mathematics
GOLDFARB, DONALD, Bellerose, Engineering
GOLDHABER, ALFRED S., Bayport, Physics
GOLDIN, KENNETH D., Staten Island, Economics
GOLDMAN, MARTIN E., Brooklyn, Mathematics
GOLDSCHMIDT, HUBERT L., New York, Mathematics
GOLDSTEIN, PAUL B., New York, Mathematics
GOODMAN, JOHN M., Ithaca, Physics
GOODMAN, RICHARD H., Brooklyn, Mathematics
GOREN, ROBERT J., Brooklyn, Mathematics
GORMAN, DONALD S., White Plains, Biochemistry
GOULD, STEPHEN J., Flushing, Earth Sciences
GRACE, ROBERT E., Kenmore, Engineering
GREENFIELD, STEPHEN J., New York, Mathematics
GROSSFELD, ROBERT M., New York, Biochemistry
HABOUSH, WILLIAM J., Forest Hills, Mathematics
HALL, ANDREW D., Bedford Hills, Engineering
HALPERIN, BERTRAND I., Brooklyn, Physics
HAUPT, EDWARD J., Brooklyn, Psychology
HECHT, JANET S., Brooklyn, Biology
HELLER, NELSON B., Bronx, Engineering
HELLERSTEIN, DAVID, New York, Physics
HENRICH, CHRISTOPHER J., Buffalo, Physics
HERMAN, MARK N., Brooklyn, Engineering
HERSHFIELD, DAVID C., New York, Economics
HICKS, NANCY E., Staten Island, Physics
HIRKO, RICHARD G., Johnson City, Physics
HIRSCH, ELI, Brooklyn, History and Philosophy of Science
HOLZSAGER, RICHARD A., New York, Mathematics
ITKOWITZ, MARTIN S., Brooklyn, Chemistry
JAFFE, ARTHUR M., Pelham, Physics
JAYSON, JOEL S., Garden City, Engineering
JESAITIS, RAYMOND G., Flushing, Chemistry
JOFFE, RUTH C., Brooklyn, Zoology
KADISH, ABRAHAM, Brooklyn, Mathematics
KAHN, FREDERIC J., Brooklyn, Physics
KAMMER, ANNE E., Auburn, Physiology
KATCHER, ALAN M., Brooklyn, Engineering
KAUFMAN, ROBERT P., New Haven, Mathematics
KAEDEN, RICHARD J., Queens Village, Engineering
KELLY, EDWARD F., Katonah, Psychology
KENNEDY, HUGH P., New York, Physics
KERN, LEILA R., New York, Psychology
KIMBALL, JOHN P., Montrose, History and Philosophy of Science
KINDLMANN, PETER J., Woodside, Physics
KLEIN, BENJAMIN G., Bellport, Mathematics
KLEWORICK, ALVIN K., Rego Park, Economics
KNAFF, DAVID B., New York, Biochemistry
KNEUER, JOSEPH G., Syracuse, Engineering
KOHLER, WERNER E., Yonkers, Engineering
KOHN, ELLIOTT S., New York, Engineering
KOPPEL, NANCY J., New York, Mathematics
KOPELOFF, BARBARA B., Bronx, Psychology
KOTTA, CONRAD P., Yonkers, Anthropology
KRA, IRWIN, Brooklyn, Mathematics
KUTTER, ELIZABETH M., Rochester, Biophysics
KUZMACK, ARNOLD M., Woodside, Mathematics
LAMANTIA, CHARLES R., New York, Engineering
LAMPE, MARTIN, Brooklyn, Physics
LANDMAN, MAURICE A., Jamaica, Mathematics
LANFORD, CAROLINE A., Fredonia, Chemistry
LANFORD, OSCAR E., III, Fredonia, Physics
LAROWE, EUGENE, Massapequa, Mathematics
LAVENBERG, STEPHEN S., Bellerose, Engineering
LEBOWITZ, ELLIOT, New York, Chemistry
LEDERMAN, JEROME M., New York, Engineering
LEICHTLING, BEN H., New York, Biochemistry
LESK, ARTHUR M., Brooklyn, Chemistry
LEVINE, DANIEL A., Bronx, Mathematics
LEVINE, JUDAH, Bronx, Physics
LEVINE, RHEA J. C., Brooklyn, Biochemistry
LEVITCH, ROY N., Buffalo, Engineering
LEVITT, NORMAN J., New York, Mathematics
LIEBERMAN, JUDITH S., New York, Chemistry
LISS, PHILLIP H., Corona, Psychology
LOCKERETZ, WILLIAM P., New York, Physics
LONGOBARDI, ALICE E., Brooklyn, Biochemistry
MALERBA, JOSEPH F., New York, Chemistry
MALTZ, HENRY, Brooklyn, Chemistry
MALTE, MARTIN S., Brooklyn, Engineering
MAMANGAKIS, STANLEY E., Bronx, Mathematics
MANDULA, JEFFREY E., Bronx, Physics
MANSON, STEVEN T., Brooklyn, Physics
MARCUS, HARRIS L., Ellenville, Engineering
MARGOLIN, BARRY H., New York, Mathematics
MARIANS, CAROL S., Bronx, Mathematics
MAROVSKIS, JOHN, New York, Chemistry
MARTINELLI, MICHAEL A., Brooklyn, Physics
MCCARTHY, DONALD J., Brooklyn, Mathematics
MCGOWAN, JON G., Silver Creek, Engineering
MCNAMEE, PETER C., Bronx, Physics
MEININGHAUS, ARLYN R., Lancaster, Chemistry
MENAHAN, LAWRENCE A., Brooklyn, Biology
MENDLOW, JULIE L., New York, Mathematics
MENSKIN, STEPHEN A., Jamaica, Mathematics
MESTER, ROGER L., Port Jervis, Engineering
MEYERS, JOHN H., Long Island City, Physics
MILLER, EDWARD J., Rochester, Biochemistry
MILLER, JOHN C., Lockport, Mathematics
MILLER, PENELOPE A., Lockport, Mathematics
MILLER, ROBERT E., Fresh Meadows, Physics
MINKOFF, ELI C., New York, Zoology
MINTZ, MICHAEL J., New York, Chemistry
MITCHELL, HENRY R., New York, Mathematics
MITCHELL, SIDNEY S., Flushing, Mathematics
MODEL, FRANK S., Jackson Heights, Chemistry
MULLINS, NICHOLAS C., Ithaca, Sociology
MURPHY, THOMAS J., Brooklyn, Physics
MURRAY, THOMAS E., Syracuse, Physics
MUTTER, VALERIE A., Bellaire, Physiology
NEIDELL, NORMAN S., New York, Earth Sciences
NEMETHY, PETER, New York, Physics

NEUBINGER, ALLEN J., Belle Harbor, Psychology

O'CONNELL, WILLIAM J., Brooklyn, Physics

O'CONNOR, EDWARD W., Bronx, Engineering

ORMAN, JUDITH A., Flushing, Mathematics

ORSZAG, STEVEN A., Forest Hills, Astronomy

ORZECZ, MORRIS, Brooklyn, Mathematics

OSTERHOUT, CAROL, Clinton, Psychology

PARKER, KIM H., North Hill, Engineering

PARKER, WILLIAM L., Clinton, Chemistry

PARSEGIAN, VOZKEN A., Troy, Biophysics

PATSAKOS, GEORGE, Brooklyn, Physics

PAULSON, RICHARD W., Queens Village, Oceanography

PENN, STEPHEN, Flushing, Physics

PERRIN, ROBERT P., New York, Physics

PICKER, HARVEY S., Kew Gardens, Physics

PIECH, KENNETH R., Eggertsville, Physics

POCHODA, PHILIP M., New York, Sociology

PODOFF, DAVID, Brooklyn, Economics

POMERANCE, ERBOL, Bronx, Mathematics

PORTER, JUDITH D. R., Ithaca, Sociology

POTTER, THOMAS F., Nyack, Mathematics

PRICE, BARBARA J., New York, Anthropology

PRILL, DAVID D., Buffalo, Mathematics

RACHLIN, HOWARD C., New York, Psychology

RADKOWSKI, ALFRED F., New York, Physics

RAFAL, MARSHALL, Whitestone, Engineering

RAMRAS, MARK B., Brooklyn, Mathematics

RAPP, WILLIAM V., New York, Economics

RASALA, RICHARD A., Brooklyn, Mathematics

RASCOFF, JOEL H., Rockaway, Mathematics

REDISH, EDWARD F., Lynbrook, Physics

REHWALDT, CHARLES A., Syracuse, Genetics

REICH, DANIEL, Brooklyn, Mathematics

REINER, ALBEY, Brooklyn, Mathematics

REISKIND, JONATHAN, Staten Island, Zoology

RICH, MARC A., Ozone Park, Engineering

RICHER, IRA, New York, Engineering

RIES, LILLIAN L., Beechhurst, Engineering

ROBBA, ARNOLD A., Mineola, Engineering

ROSE, RICHARD M., Port Washington, Psychology

ROSENBLATT, MATTHEW A., New York, Mathematics

ROBNER, JONATHAN L., Tuckahoe, Physics

ROSSER, EDWENNA M., Ithaca, Psychology

RUBEN, MURRAY A., Flushing, Engineering

RUBIN, DAVID, Brooklyn, Engineering

RUTHER, JOHN A., Canaan, Engineering

SAENGER, ROBERT M., Scarsdale, Physics

SAMPSON, SAMUEL F., Ithaca, Sociology

SAMUELS, MICHAEL R., Brooklyn, Engineering

SANDLER, IVAN S., Brooklyn, Engineering

SATINGER, STANLEY S., Jeffersonville, Engineering

SCHECHTMAN, BARRY H., New York, Engineering

SCHEPS, MORTON R., New York, Physics

SCHIFF, LAWRENCE F., Forest Hills, Psychology

SCHNEIDER, ROBERT B., Huntington Station, Mathematics

SCHWARTZ, RICHARD E., Ithaca, Mathematics

SCHWARZ, JOHN H., Glen Head, Physics

SCHWEITZER, PAUL J., Elmont, Physics

SHAPIRO, BERT I., Roslyn Heights, Physiology

SHAPIRO, JUDITH C., New York, Economics

SHORE, HERBERT R., Brooklyn, Physics

SHORE, ROY E., Sherman, Psychology

SIDNEY, STUART J., White Plains, Mathematics

SMITH, STEPHEN S., Brooklyn, Biology

SOKOL, BARNETT J., Brooklyn, Mathematics

SOLAND, RICHARD M., New York, Mathematics

SOVEN, PAUL, Brooklyn, Physics

SOEILMAN, ALBERT I., Brooklyn, Physics

STEEN, LYNN A., Staten Island, Mathematics

STEINFELD, JEFFREY I., Flushing, Chemistry

STENARD, CHARLES E., Watertown, Mathematics

STEVENS, GUY V., Pearl River, Economics

STRICHARTZ, ROBERT S., New York, Mathematics

SUSSKIND, LEONARD, Ithaca, Physics

SVETLICHNY, GEORGE, Holbrook, Physics

SWEEDLER, MOSS E., Brooklyn, Mathematics

TANNENWALD, RONALD M., New York, Mathematics

TAUB, THELMA F., Brooklyn, Psychology

TAVEL, MORTON A., Brooklyn, Physics

TEITELBAUM, CLAIRE A., Bronx, Psychology

TERMAN, STANLEY A., New York, Biophysics

TITTERTON, PAUL J., Farmingdale, Physics

TOBENFELD, EMILE S., Brooklyn, Physics

TRIFARI, ARTHUR V., New Rochelle, Physics

ULLMAN, JEFFREY D., Floral Park, Engineering

VOGEL, STEVEN, Beacon, Zoology

WAGREICH, PHILIP D., Long Island City, Mathematics

WALSH, EDWARD K., Scotia, Engineering

WEBER, CHARLES F., Mineola, Mathematics

WEBER, WILLIAM P., New York, Chemistry

WEINBERG, ERIC S., New York, Biochemistry

WEINBERGER, GEORGE M., Brooklyn, Physics

WEINBLATT, HERBERT, New York, Engineering

WEINSTOCK, BARNET M., Brooklyn, Mathematics

WEISS, BENJAMIN, Bronx, Mathematics

WEISS, NORMAN J., Hempstead, Mathematics

WEISSGLASS, JULIAN, Staten Island, Mathematics

WEISSTEIN, NAOMI, New York, Psychology

WEITZMAN, MARTIN L., Wantagh, Mathematics

WELLMAN, BARRY S., Bronx, Sociology

WELLMAN, THOMAS R., New Hartford, Earth Sciences

WELTER, ELIZABETH A., Baldwin, Biology

WHITE, WARREN H., East Norwich, Mathematics

WICHURA, MICHAEL J., Hastings/Hudson, Mathematics

WILLIAMS, LYLE K., II, Katonah, Engineering

WILLIG, PAUL M., Brooklyn, Mathematics

WILSON, EDWARD N., Ithaca, Mathematics

WINKELMANN, FREDERICK C., East Meadow, Physics

WOLFE, RALPH G., Brooklyn, Engineering

WOLPOWITZ, LAURA M., Ithaca, Genetics

WRATTEN, CRAIG C., Snyder, Biochemistry

YAES, ROBERT J., Long Island City, Physics

ZUCKERMAN, HARRIET A., New York, Sociology

Cooperative Graduate

ABILOCK, ROBERT, Brooklyn, Physics

ALEXANDER, STUART D., Syracuse, Chemistry

ALPERT, RONALD L., Rochester, Engineering

AMATO, JAMES J., Richmond Hill, Physics

BALYN, PAUL M., New York, Mathematics

BALCH, MICHAEL S., Brooklyn, Mathematics

BANK, JERRY M., New York, Mathematics

BANK, STEVEN B., Middle Village, Mathematics

BENNETT, WALTER S., Jr., Syracuse, Engineering

BENTSEN, IRVING O., Amenia, Mathematics

BLOCH, NORMAN J., Rochester, Mathematics

BREINAN, EDWARD M., Yonkers, Engineering

BRIENZA, MICHAEL J., Mt. Vernon, Physics

BROOKS, DAVID W., Brooklyn, Chemistry

BUTCHER, HOWARD J., Brooklyn, Chemistry
 CALLAHAN, JAMES J., Poughkeepsie, Mathematics
 CARPENTER, CLARK R., Syracuse, Chemistry
 CHASE, LLOYD L., Ithaca, Physics
 COHEN, RONALD B., Brooklyn, Chemistry
 CONDIT, WILLIAM C., Syracuse, Physics
 CONNOLLY, FRANCIS X., Rochester, Mathematics
 COOK, DAVID M., Troy, Physics
 CROWLEY, WILLIAM P., Schenectady, Earth Sciences
 DEAN, DAVID E., Marion, Engineering
 DELAHANTY, FRANCES M., New Rochelle, Psychology
 DESSAU, RALPH, Far Rockaway, Chemistry
 DEVINE, MICHAEL F., Bronx, Oceanography
 DEWSBURY, DONALD A., Wantagh, Psychology
 DIETZ, RUSSELL N., Seaford, Engineering
 DITORO, DOMINIC M., Massapequa, Engineering
 EACHUS, ALAN C., Syracuse, Chemistry
 EASTON, PAUL D., New York, Physics
 EICHENBAUM, BERNARD R., New York, Physics
 ENGEL, ROGER K., Flushing, Engineering
 ERICKSON, NILS E., White Plains, Chemistry
 FEDELE, JAMES B., Endicott, Engineering
 FEDER, PAUL I., Brooklyn, Mathematics
 FEIDELMAN, PETER J., New York, Physics
 FEINBLUM, DAVID A., Troy, Physics
 FEINERMAN, ROBERT P., New York, Mathematics
 FELS, STEPHEN B., New York, Physics
 FOX, BERNARD M., New York, Engineering
 FREEMAN, LESLIE G., Jr., New City, Anthropology
 FREIFELD, CHARLES J., Flushing, Mathematics
 FULMER, RICHARD H., Manlius, Physics
 FUTUYMA, DOUGLAS J., Bronx, Zoology
 GALANIDES, OTTO, Elmhurst, Psychology
 GATELY, ADRIAN C., Lynbrook, Engineering
 GATES, WALTER C., Jr., Ossining, Engineering
 GELMAN, HARRY, Bronx, Physics
 GEOGHAN, ROBERT E., Brooklyn, Mathematics
 GERSTEN, JOEL I., Bronx, Physics
 GIAMEI, ANTHONY F., Painted Post, Engineering
 GIBIAN, MORTON J., Mt. Vernon, Chemistry
 GLADSTONE, ROBERT J., East Meadow, Engineering
 GLASS, EMILY K., Baldwin, Mathematics
 GLICKFELD, BARNETT W., New York, Mathematics
 GOELL, JAMES E., Scarsdale, Engineering
 GOLDMAN, EDWARD B., Cedarhurst, Engineering
 GOLDMAN, MARTIN V., Flushing, Physics
 GOLOWICH, EUGENE, Ithaca, Physics
 GORDON, ARNOLD J., Manhattan, Chemistry
 GORDON, MYRA, Mt. Vernon, Chemistry
 GORMAN, GEORGE C., Scarsdale, Zoology
 GREENBERG, PHILIP J., Bronx, Physics
 GREENHOUSE, JEFFREY A., Hempstead, Chemistry
 GROSS, WALTER E., Brooklyn, Physics
 HAFFERMAZ, FREDERICK W., Ithaca, Engineering
 HANDELSMAN, RICHARD A., Brooklyn, Mathematics
 HANSER, FREDERICK A., Whitestone, Physics
 HART, FRANCIS X., Hornell, Physics
 HELLER, JERROLD A., Forest Hills, Engineering
 HENDERSON, DALE B., Garden City, Physics
 HERBENDEN, ROBERT A., Freeport, Physics
 HILL, CLYDE D., Brooklyn, Mathematics
 HOFFMAN, ALAN L., Flushing, Engineering
 HOLLAND, MONTE W., Dekalb Junction, Physics
 HOLMAN, ERIC W., New York, Psychology
 HONIG, BARRY H., Brooklyn, Chemistry
 HUSCH, LAWRENCE S., Sayville, Mathematics
 HUSSEY, WILLIAM W., Suffern, Chemistry
 HYMAN, DAVID S., Rego Park, Physics
 INGLING, CARL R., Jr., Rochester, Psychology
 INGLING, JANE H., Rochester, Psychology
 ISAACSON, RICHARD A., New York, Physics
 IVES, DAVID C., Binghamton, Engineering
 JACKIW, ROMAN W., Ithaca, Physics
 JACOBSON, DAVID N., Brooklyn, Mathematics
 JANOWITZ, GERALD S., Brooklyn, Engineering
 JENKINS, JOHN O., White Plains, Physics
 JETZT, JOHN J., Bronx, Engineering
 JUDD, GARY, Yonkers, Engineering
 JULIAN, GLENN M., Apalachin, Physics
 KAPLAN, STEVEN M., Westbury, Physics
 KARPICK, JAMES T., Buffalo, Physics
 KATAI, ANDREW A., Syracuse, Chemistry
 KAUFMAN, HOWARD, Troy, Engineering
 KELLEHER, MATTHEW D., Wantagh, Engineering
 KELLER, KENNETH H., Brooklyn, Engineering
 KERSHENBAUM, LESTER S., Far Rockaway, Engineering
 KNIGHT, CHESTER G., Kenmore, Geography
 KRAKAUER, LAWRENCE J., Great Neck, Engineering
 KRAMER, MARTIN A., Ellenville, Physics
 KURTZ, STUART J., Forest Hills, Engineering
 LAPADULA, CHARLES A., New York, Engineering
 LAVITA, JAMES A., Brooklyn, Mathematics
 LAZAR, GERALD, NEW YORK, Psychology
 LEFKOWITZ, JOEL M., Bronx, Psychology
 LEONARD, JOHN L., Garden City, Mathematics
 LEVINE, BARRY F., Forest Hills, Physics
 LEVITAN, MICHAEL L., Brooklyn, Mathematics
 LEWIS, HARRY R., New York, Psychology
 LIEBERMAN, HENRY S., Brooklyn, Mathematics
 LIPNER, LEONARD D., Flushing, Mathematics
 LITOFSEKY, BARRY, Brooklyn, Engineering
 LOOS, MICHAEL P., Syracuse, Engineering
 LOVETT, RONALD A., Rochester, Chemistry
 LOWENTHAL, FRANKLIN, New York, Mathematics
 LOWIN, AARON, New York, Psychology
 MACER, JOSEPH H., Troy, Physics
 MACISCO, JOHN J., Bronx, Sociology
 MACKNIGHT, WILLIAM J., Brightwaters, Chemistry
 MAIO, TERRY, Brooklyn, Engineering
 MALINCONICO, SALVATORE, Brooklyn, Physics
 MAMMANO, NICHOLAS J., Brooklyn, Chemistry
 MANHEIMER, WALLACE M., Flushing, Physics
 MARCUS, SHERMAN W., Long Island City, Physics
 MARGOLIS, HARVEY R., Forest Hills, Mathematics
 MARK, RICHARD E., Patterson, Agriculture
 MEER, MELVYN L., Brooklyn, Economics
 MOSS, ROBERT A., Flushing, Chemistry
 MUKAMAL, HAROLD, Woodmere, Chemistry
 MULLINS, ROBERT E., New York, Mathematics
 MULVEY, DENNIS M., Buffalo, Chemistry
 NACHAMKIN, JACK, Troy, Physics
 NAGLER, STEWART G., West Islip, Mathematics
 NOVELLO, JOSEPH, Middle Village, Mathematics

OLIVO, RICHARD F., Brooklyn, Physiology
 ORREN, MATTHEW E., Flushing, Engineering
 ORLECK, MICHAEL A., Plainview, Mathematics
 OSHER, STANLEY J., Brooklyn, Mathematics
 PARKER, ANN R., Astoria, Sociology
 PARNAS, DAVID L., Bronx, Engineering
 PASACHOFF, JAY M., New York, Astronomy
 PATAI, OFRA J., Forest Hills, Genetics
 PERKOWITZ, SIDNEY, Brooklyn, Physics
 PIERCE, JOE H., Williamsville, Physics
 PITZBLE, BARNETT S., New York, Chemistry
 POLLOCK, NORMAN S., Flushing, Mathematics
 RAGOZIN, DAVID L., New York, Mathematics
 RAYMONDA, JOHN W., Utica, Chemistry
 REASNER, ROBERT, Brooklyn, Physics
 REISMAN, STANLEY S., Brooklyn, Engineering
 RICHTER, STEPHEN L., New York, Engineering
 RIEFFEL, MARC A., New York, Mathematics
 RODEN, MARTIN S., Jackson Heights, Engineering
 RODRIGUEZ, HERMAN R., Brooklyn, Chemistry
 ROMANELLI, MICHAEL G., Brooklyn, Chemistry
 ROSEMAN, JOSEPH J., Brooklyn, Mathematics
 ROSENBLATT, ELAINE, Bronx, Sociology
 ROSENKRANTZ, DANIEL J., New York, Engineering
 ROSENSTEIN, JOSEPH G., Rochester, Mathematics
 ROTENBERG, RONALD I., New York, Engineering
 RUBENS, JEFFREY P., Brooklyn, Mathematics
 RUDKO, ROBERT I., New York, Engineering
 SAAL, HARRY J., Brooklyn, Physics
 SACHS, DAVID S., Brooklyn, Physics
 SALTZMAN, HAROLD, Bronx, Chemistry
 SALEZMAN, GABRIEL S., Brooklyn, Physics
 Saxe, BERNHARD D., Flushing, Chemistry
 SCHENCK, JOHN F., Troy, Physics
 SCHNEIDER, RONALD A., Ithaca, Chemistry
 SCHULMAN, JEROME M., New Rochelle, Chemistry
 SCHWARTZBERG, HENRY G., Hartsdale, Engineering
 SEAGRAVE, CHARLES E., Bronxville, Economics
 SEIF, JOSEPH B., Brooklyn, Mathematics
 SERVEDIO, FRANK J., New York, Mathematics
 SHANNON, RICHARD T., New York, Mathematics
 SHAY, JOSEPH L., Albany, Engineering
 SILLIMAN, SHERWOOD D., Hempstead, Mathematics
 SIMON, JEROME D., Brooklyn, Engineering
 SINGER, WILLIAM M., Great Neck, Physics
 SLIVKA, JOHN J., Lackawanna, Mathematics
 SMITH, RICHARD C., Keeseville, Physics
 SMITH, ROBERT D., Brooklyn, Engineering
 SONSHINE, RICHARD M., Yonkers, Engineering
 SPERRY, PETER R., Tupper Lake, Engineering
 STEIN, SAMUEL H., Brooklyn, Chemistry
 STEMPLE, JOEL G., Brooklyn, Mathematics
 STERN, FREDERICK, New York, Mathematics
 STRIBGEL, MARIE K., Buffalo, Anthropology
 THORSEN, RICHARD S., Queens Village, Engineering
 THUM, DENISE I., New York, Psychology
 TOBIAS, MICHAEL A., Brooklyn, Chemistry
 TROMBETTA, MICHAEL L., New York Engineering
 VAART, ALBERT, New York, Engineering
 VITALE, WILLIAM R., Brooklyn, Chemistry

VOLK, BENJAMIN, New York, Mathematics
 VOLLMEERS, KARL W., Brooklyn, Physics
 WAGNER, MARTIN G., Jackson Heights, Engineering
 WALDRON, INGRID L., West Nyack, Zoology
 WALKER, LEIGH E., Hancock, Chemistry
 WALLER, MICHAEL H., Buffalo, Engineering
 WEAVER, JOHN S., Rochester, Earth Sciences
 WEINGOLD, HARRIS D., Bronx, Engineering
 WEINSTEIN, MARVIN, Brooklyn, Physics
 WEIS, JUDITH S., Woodside, General Biology
 WHIMBEY, ARTHUR E., Jackson Heights, Psychology
 WIDOM, ALLAN, Little Neck, Physics
 WILLARD, STEPHEN W., Rochester, Mathematics
 WILLIAMS, RAYMOND F. X., Brooklyn, Chemistry
 WINOKUR, STEPHEN, New York, Economics
 WOROSZ, JOANNE C., Niagara Falls, Chemistry
 WRIGHT, THOMAS W., Ithaca, Engineering
 ZECKHAUSER, RICHARD J., Great Neck, Economics
 ZEH, DALE W., Syracuse, Engineering

Graduate Teaching Assistant

ARAKELIAN, LOUISE V., Douglaston, Mathematics
 ARRINGTON, WENDELL S., Troy, Physics
 BAKER, PHILIP C., Lockport, Botany
 BENNION, LOWELL C., Syracuse, Geography
 BIBBMAN, GERALD J., Brooklyn, Engineering
 BIERON, JOSEPH F., Buffalo, Chemistry
 BOSCO, CAROLE A., Staten Island, Mathematics
 BOSS, BRUCE D., Brooklyn, Chemistry
 BRUALDI, RICHARD A., Syracuse, Mathematics
 BRUST, DAVID P., Rochester, Chemistry
 BUTTNER, PETER J. R., Rochester, Earth Sciences
 CAMERON, BARRY W., Bellmore, Earth Sciences
 CARPENTER, CLARK R., Syracuse, Chemistry
 CEASAR, GERALD P., New York, Chemistry
 DAURIA, JOHN M., New York, Chemistry
 DIAMOND, HAROLD G., Wurtsboro, Mathematics
 DOLBIER, WILLIAM R., Jr., Ithaca, Chemistry
 DYKEMAN, LINDA M., Verbank, Mathematics
 EBERLICH, BENJAMIN S., Yonkers, Chemistry
 FEINBLUM, DAVID A., Troy, Physics
 FILNER, PHILIP, Middle Village, Biochemistry
 FRANCIS, ROBERT J., Honeoye Falls, Geography
 FRANCO, VICTOR, New York, Physics
 GERHARD, F. BRUCE, Jr., Troy, Earth Sciences
 GERMANO, GREG J., Olean, Microbiology
 GILBERG, PAUL G., Brooklyn, Mathematics
 GOLDSTEIN, JULIUS L., Rochester, Engineering
 GORDON, ARNOLD J., Manhattan, Chemistry
 GRANOFF, BARRY, Brooklyn, Chemistry
 GREEN, ROGER H., Brooktondale, General Biology
 GREEN, THEODORE, III, Williamsville, Engineering
 GRUBER, GARY R., New York, Physics
 HANDEL, DAVID, Flushing, Mathematics
 HARTMANN, LILLIAN E., Yonkers, Physics
 HASELBAUER, PHILIP J., Buffalo, Physics
 HAWKINS, ROBERT G., New York, Economics
 HOLTZMAN, JULIAN C., Ithaca, Engineering
 HUDSON, LAWRENCE R., Syracuse, Economics
 HUMM, MARGARET M., Baldwinsville, Mathematics

ISAACSON, RICHARD A., New York, Physics
 JACOBS, SUSAN I., New York, Physics
 JORDAN, WILLIAM M., Brooklyn, Earth Sciences
 KAHN, PETER J., Forest Hills, Mathematics
 KAMMER, ANN E., Auburn, Physiology
 KARLINER, JERRY, New York, Chemistry
 KARP, STEWART, Freeport, Chemistry
 KAYDOS, WILFRED J., Olean, Engineering
 KURNIT, NORMAN A., New York, Physics
 LANGE, RAYMOND J., Alden, Chemistry
 LEPSCH, JAMES M., Cheektowaga, Engineering
 LEVINE, LESLIE S., New York, Physics
 LEVINE, RAYMOND, New York, Chemistry
 LLOYD, VERNON J., Potsdam, Engineering
 LONG, THOMAS V., II, Ithaca, Chemistry
 MACLEAY, RONALD E., Buffalo, Chemistry
 MALINCONICO, SALVATORE, Brooklyn, Physics
 MALOFSKY, BERNARD M., Valley Stream, Chemistry
 MCALPIN, JOHN H., New York, Mathematics
 MCKENNEY, JOHN L., Canton, Engineering
 MELLILLO, JOSEPH T., New York, Chemistry
 MILLS, ALLEN P., Rochester, Physics
 MITCHELL, HENRY R., New York, Mathematics
 MOREAU, ATHENA, BRONX, Psychology
 MORGAN, ROBERT P., Troy, Engineering
 MULDOON, JAMES F., New York, Engineering
 NEWBERGER, STUART M., Brooklyn, Mathematics
 NILSEN, TOR H., Long Island City, Earth Sciences
 OSMAN, ELI, Brooklyn, Psychology
 RABITZ, RONALD, Brooklyn, Physics
 RANDO, ROBERT R., Ardsley, Chemistry
 RHOADES, RICHARD W., Port Washington, Botany
 RICCA, VINCENT T., Islip, Engineering
 RIEFFEL, MARC A., New York, Mathematics
 ROMANELLI, MICHAEL G., Brooklyn, Chemistry
 ROSS, WILLIAM N., Brooklyn, Physics
 SAMPSON, PATSY H., Ithaca, Psychology
 SAPAN, JERROLD S., Brooklyn, Psychology
 SCHER, HARVEY, Syracuse, Physics
 SCHOENBERG, THEODORE, Long Island City, Engineering
 SHAPIRO, HARVEY L., Forest Hills, Mathematics
 SHAPIRO, STEPHEN L., Jamaica, Physics
 SIMSON, JOSEPH M., New York, Chemistry
 SPIEGEL, EUGENE, Brooklyn, Mathematics
 STEIGMAN, GARY, New York, Physics
 STILLER, KENNETH, Kew Gardens, Chemistry
 SULLIVAN, HENRY W., Jamaica, Engineering
 TANNER, RUTH E., Hamburg, Chemistry
 THEALER, RICHARD H., New York, Engineering
 TOBIAS, MICHAEL A., Brooklyn, Chemistry
 TULCHIN, NATALIE G., New York, General Biology
 VILMS, JAAK, New York, Mathematics
 VUNK, HAROLD C., Fultonville, Biochemistry
 WALSH, ANNA M., New York, Physics
 WASSSEL, EDWARD R., Potsdam, Engineering
 WEGMANN, FREDERICK J., Queens Village, Engineering
 WEISS, JOSEPH F., Queens Village, Chemistry
 WILLIAMS, RAYMOND F. X., Brooklyn, Chemistry
 WILSON, GEORGE S., Scarsdale, Chemistry
 WILSON, RONALD H., Schenectady, Physics
 WIRTH, MICHAEL, Long Island City, Botany

WRIGHT, KAREN V., Manhasset, Botany
 YEDINAK, PETER D., Big Flats, Physics

Postdoctoral

ALBRECHT, BOHUMIL, New York, Engineering
 ANDERSON, ALFRED T., Jr., Garden City, Earth Sciences
 ANSELME, JEANPIERRE L., Long Island City, Chemistry
 BARDASIS, ANGELO, New York, Physics
 BAUM, PAUL F., New York, Mathematics
 BIENSTOCK, ARTHUR I., New York, Physics
 BOEVI, JOHN A., Binghamton, Microbiology
 BUTOW, RONALD A., Ithaca, Biochemistry
 COOPER, STEPHEN, New York, Microbiology
 CREAMY, LEROY L., Oswego, Physiology
 CURTIS, BRIAN A., Shoreham, Physiology
 DWORIN, LOWELL, Brooklyn, Physics
 FEINBERG, MELVYN J., New York, Chemistry
 GOLDBRECH, PETER M., Ithaca, Physics
 GOLDSTEIN, BERNARD R., Brooklyn, History and Philosophy of Science
 HARRIS, CHARLES S., Great Neck, Psychology
 HENRY, RICHARD W., Ballston Lake, Biophysics
 IRWIN, ERNEST J., Jr., Ithaca, Physics
 JORDAN, THOMAS F., Rochester, Physics
 LEVINE, ELLIOT M., Bayside, Biochemistry
 LUBKIN, SAUL, Brooklyn, Mathematics
 MALAMY, MICHAEL H., Bronx, Microbiology
 MASSIMO, JOSEPH T., Port Washington, Physics
 MORAN, PAUL R., Ithaca, Physics
 NOSSAL, RALPH J., Brooklyn, Physics
 PADWA, ALBERT, New York, Chemistry
 PIRKLE, WILLIAM H., Rochester, Chemistry
 RADINSKY, LEONARD B., New York, Earth Sciences
 ROSEN, RONALD H., New York, Mathematics
 RUBIN, STANLEY G., Brooklyn, Mathematics
 RUSSELL, GEORGE K., Scarsdale, Biochemistry
 SHELDEN, RONALD A., New York, Chemistry
 STEINBERG, ROY H., New York, Physiology
 WEIS, PEDDRICK, Woodside, Medical Sciences
 ZIPSER, DAVID, New York, Biochemistry

Senior Postdoctoral

BERGMAN, EMMETT N., Ithaca, Physiology
 DEMEREC, MILISLAV, Brookhaven, Genetics
 FLAVELL, JOHN H., Rochester, Psychology
 HOCHSTEIN, PAUL E., New York, Biochemistry
 KIERSCH, GEORGE A., Ithaca, Earth Sciences
 MCGILL, WILLIAM J., New York, Psychology
 MICHALOS, JAMES, New York, Engineering
 MOHN, JAMES F., Albany, Medical Sciences
 ROSETT, RICHARD N., Rochester, Economics
 SONDEHEIMER, ERNEST, Syracuse, Chemistry
 SPRUCH, LARRY, New York, Physics
 TANENBAUM, STUART W., New York, Microbiology
 WARBURTON, ERNEST K., Brookhaven, Physics
 ZUMINO, BRUNO, New York, Physics

Science Faculty

BELSKY, MELVIN M., Brooklyn, Biology
 BERNKOPF, MICHAEL, New York, Mathematics
 BROWN, GEORGE A., Rochester, Engineering
 BROWN, WILLIAM A., New York, Engineering
 BUSCHI, JOSEPH M., New York, Mathematics
 CANAVAN, REV. FREDERICK, New York, Physics
 COWDERY, ROGER K., Potsdam, Engineering
 CURRERI, JOHN R., Brooklyn, Mathematics
 EVERETT, CARLETON S., Binghamton, Engineering
 FIEL, ROBERT J., Buffalo, Chemistry

FURRY, RONALD B., Ithaca, Engineering
HARDIN, CLYDE L., Syracuse, History and
Philosophy of Science
KAPLAN, EUGENE H., Hempstead, Biology
KENYON, RICHARD A., Potsdam, Engineering
LEE, CHARLES N., Syracuse, Engineering
LISTER, WILLIAM G., Stony Brook, Mathe-
matics
LOEBL, ERNEST M., Brooklyn, Chemistry
LUFBURROW, ROBERT A., Canton, Physics
MARIEN, DANIEL, Flushing, Genetics
MARKIS, LOUISE L., New York, Mathematics
MARTIN, ALBERT R., Potsdam, Engineering
MINTZ, ESTHER U., New York, Physics
NILSON, ARTHUR H., Ithaca, Engineering
PALMER, GILBERT A., Genesco, Mathematics
ROBINSON, EDWARD J., New York, Physics
SMITH, SIGMUND A., Brockport, Mathematics
STRODT, RUTH C., New York, Mathematics
THERRIEN, JOHN T., Albany, Mathematics
WING, MERLE W., Cortland, Biology

*Summer Fellowships for Secondary School
Teachers*

ABRAHAM, ALLAN, White Plains, Chemistry
BALLOU, WALTER E., Ovid, General Science
CAMERIERI, BRO. CHRISTOPHER, Brooklyn,
Chemistry
CONNELLY, SR. M. EDWARD, Rochester, Biol-
ogy
FARINA, JOSEPH P., Hicksville, Biochemistry
FARRELL, MARGARET A., Albany, Mathematics
GELLIS, PHILIP, New York, Chemistry
GRELL, EINAR F., Huntington, Biology
JAFFE, BENJAMIN, New York, Mathematics
KELLOGG, MARY, New York, Mathematics
KRIEG, DAVID C., Allegany, Biology
KRISHE, JEANNE M., Washingtonville, Mathe-
matics
LOMBAUDO, ANTHONY V., Baldwin, Zoology
MASTERSON, SR. HANNAH M., Woodhaven,
Mathematics
MCINTYRE, PATRICK J., Mineola, Chemistry
MECKLER, LESTER, Farmingdale, Mathe-
matics
REISNER, IRA A., Brooklyn, Chemistry
RICHARDS, IRVING, Far Rockaway, Mathe-
matics
ROARKE, SR. MADEIRA, Kenmore, Biology
SCHMEER, SR. M. ROSARIO, New York, Biology
SKLENARIK, ROBERT F., Unadilla, Biology
SMITH, ALDEN E., Lockport, Biology
SPITS, BENJAMIN, New York, Mathematics
STARK, ELIAS, Long Beach, Mathematics
STEIN, RICHARD, New Rochelle, Physics
WAINE, SIDNEY I., Westbury, Biology
WEISS, EMANUEL, New York, Physics
YONIS, LEONARD, New York, Mathematics

NORTH CAROLINA

Graduate

BARNHILL, MAURICE V., III, Wilmington,
Physics
BURNHAM, DEBOBAH, Durham, Biochemistry
CAVINESS, BOBBY F., Asheboro, Mathematics
COLE, JAMES L., Raleigh, Psychology
COLEMAN, JAMES R., Durham, Zoology
COUCHELL, GUS P., Charlotte, Physics
CUNNINGHAM, ROBERT E., Jr., Greensboro,
Chemistry
EVERETT, GROVER W., Jr., Greenville, Chem-
istry
FAMBROUGH, DOUGLAS M., Jr., Chapel Hill,
Biochemistry
GIBBS, HYATT M., Wilkesboro, Physics

HARRIS, CONSTANCE M., Durham, Biochem-
istry
HERR, DAVID G., Chapel Hill, Mathematics
KENDALL, ROBERT L., Durham, Zoology
KESLER, STEPHEN E., Kings Mountain, Earth
Sciences
LATOUR, PIERRE R., Kinston, Engineering
MICHAEL, WILLIAM B., Bostic, Physics
MOCK, MICHAEL S., Winston Salem, Physics
OWEN, GORDON N., Jr., Raleigh, Engineering
RASH, FRED H., Lexington, Chemistry
REID, RALPH C., Jr., Pineville, Mathematics
ROBERTS, BRYAN W., Hillsboro, Chemistry
SOOS, ZOLTAN G., Montreat, Chemistry

Cooperative Graduate

BANKS, HARVEY T., Raleigh, Mathematics
BLACK, STANLEY W., III, Charlotte, Eco-
nomics
COCKE, WILLIAM J., Asheville, Physics
CROOM, FREDERICK H., Maxton, Mathematics
GARRISON, WILLARD L., Pfafftown, Mathe-
matics
HART, ROBERT, Burnsville, Physics
HILLER, LOUIS K., Jr., Chapel Hill, Chem-
istry
LAMPHIER, VINCENT, Winston-Salem, Mathe-
matics
MCDOWELL, LELAND K., Tarboro, Mathe-
matics
MCRARY, JOHN W., III, Raleigh, Physics
PANCOAST, DAVID L., High Point, Psychology
REYNOLDS, JOHN T., Durham, Physics
SAWERS, JAMES R., Jr., Durham, Physics
SCHWARTZ, MAURICE E., Laurinburg, Chem-
istry
SHARPE, TOMMY G., Statesville, Engineering
SWAIN, DAVID W., Raleigh, Physics

Graduate Teaching Assistant

AIUTO, RUSSELL, Chapel Hill, Botany
COFFEY, JANICE D., Lenoir, Botany
DEPALIK, DONALD J., Chapel Hill, Botany
FULTON, JOHN D., Raleigh, Mathematics
GARCIA, BERTRAM H., Jr., Raleigh, Engineer-
ing
GARDINER, JOHN A., Greensboro, Chemistry
GOBBDOL, THOMAS M., Raleigh, Engineering
KIRK, PAUL W., Jr., Durham, Botany
LANG, BRUCE Z., Chapel Hill, Zoology
POWE, HARRY L., Raleigh, Physiology
SMITH, RONALD E., Rocky Mount, Engineer-
ing
TAFT, KINGSLEY A., Jr., Cary, Agriculture
VANCATLEDGE, FREDERIC A., Charlotte, Chem-
istry
WORSHAM, WALTER C., Chapel Hill, Chem-
istry
YOUNT, JOHN D., Chapel Hill, Chemistry

Postdoctoral

GREENLEE, LORANCE L., Durham, Biophysics
HENDRIX, JAMES W., Greenville, Botany
ROBERTS, BRYAN W., Hillsboro, Chemistry

Senior Postdoctoral

THIBAUT, JOHN W., Chapel Hill, Psychology

Science Faculty

BOWERS, WAYNE A., Chapel Hill, Physics
BRANTLY, EUGENE P., Durham, Engineering
BUZZARD, GALE H., II, Durham, Engineering
EPPERSON, EDWARD R., Elon College, Chem-
istry
HARRAWOOD, PAUL, Durham, Engineering

LAW, JAMES R., Charlotte, Psychology
ROBERTS, FRANKLIN L., Durham, Genetics
TURNER, THOMAS J., Winston-Salem, Physics
Summer Fellowships for Secondary School Teachers
MCKINNON, JEANNE E., Charlotte, Mathematics
BUFTY, RUTH W., Newton, Mathematics
YONGUE, WILLIAM H., Jr., Charlotte, Zoology

NORTH DAKOTA

Graduate

ANDERSON, STUART D., Fargo, Physics
HAMANN, WAYNE C., Dickinson, Engineering
HARSTAD, KENNETH G., Hillsboro, Engineering
NYHUS, ORVILLE K., Palermo, Engineering
SUBY, STEPHEN F., Fargo, Engineering

Cooperative Graduate

ANDERSON, BRUCE A., Bismarck, Mathematics
BAILEY, VERNA M., Sutton, Chemistry
BIRD, HOWARD A., Flaxton, Mathematics
HOUSE, EDWIN W., Grand Forks, Physiology
LOKKEN, RONALD A., Valley City, Physics
LOOS, JAMES S., Grafton, Physics
ROSENTHAL, HASKELL P., Fargo, Mathematics
SCHEFFER, JOHN R., Minot, Chemistry
THARP, LESLIE H., Rhame, Mathematics
THOMPSON, DAVID A., Devils Lake, Engineering
TRODAHL, HARRY J., Leonard, Physics
ZIEMAN, DALE M., Bottineau, Chemistry

Graduate Teaching Assistant

BRAUN, ODELL E., Fargo, Engineering
DAVIS, DAVID G., Dickinson, Botany
PAPPAS, BETTY C., Voltaire, Chemistry
PATTERSON, FLOYD M., Dobbybrook, Engineering
RANDALL, HAROLD E., Grand Forks, Psychology
ROSENTHAL, HASKELL P., Fargo, Mathematics
SCHEFFER, JOHN R., Minot, Chemistry
SIEFKEN, MARK W., Fargo, Chemistry
SOLTIS, FRANK G., Fargo, Engineering

Science Faculty

CASSEL, J. FRANK, Fargo, Zoology
DOWELL, HAROLD L., Jr., Grand Forks, Engineering
NELSON, GILBERT W., Fargo, Mathematics

Summer Fellowships for Secondary School Teachers

LEIDHOLM, RONALD J., New Salem, Mathematics
NELSON, HOWARD E., Mandan, Biology

OHIO

Graduate

ADMAN, RAYMOND L., Dayton, Biochemistry
ALEXANDER, HERBERT J., South Euclid, Mathematics
ALONSO, JOSE R., Painesville, Physics
ANDERSON, DONALD E., Maumee, Biochemistry

ARNDT, DONNA J., Wellington, Biochemistry
BEAN, ANITA M., Yellow Springs, Genetics
BECKER, NANCY A., Carroll, Physiology
BENEDICT, JAMES B., Jr., Cincinnati, Earth Sciences
BIXLER, MARK F., Yellow Springs, Chemistry
BODMAN, SAMUEL W., Akron, Engineering
BOYCE, DAVID E., Newark, Other Social Sciences
CARLSON, KRISTIN R., Toledo, Psychology
CLEMENS, CHARLES H., Dayton, Mathematics
CRAGGS, ROBERT F., Dayton, Mathematics
DAVIS, LINDA A., Columbus, Microbiology
DAVIS, MARY A., Cincinnati, Mathematics
DAVIS, TERRY L., Worthington, Engineering
DECHANT, SR. MARY J., Cleveland, Chemistry
ELLIS, DAVID R., Rocky River, Engineering
ERICKSON, BRUCE W., Columbus, Chemistry
FARISON, JAMES B., McClure, Engineering
FRIAR, JAMES L., Gallon, Physics
GEIGER, DONALD R., Worthington, Botany
GEROCH, ROBERT P., Akron, Physics
GINAVEN, ROBERT O., Akron, Physics
GLESER, MALCOLM A., Cincinnati, Medical Sciences
GORDON, ROY G., Akron, Chemistry
HAMILTON, RICHARD S., Cincinnati, Mathematics
HARTMAN, RICHARD B., Athens, Chemistry
HEINZ, RICHARD M., Toledo, Physics
HENNING, JOHN A., Swanton, Chemistry
HERNER, JAMES P., Berea, Engineering
HICKMAN, JAMES C., Portsmouth, Biology
HOWE, MARIAN, Wilberforce, Mathematics
IDEN, GEORGE R., Bloomingburg, Economics
KARCE, RICHARD R., Hudson, Mathematics
KLAUMINER, GARY K., Rocky River, Physics
KLOSS, KENNETH E., Loudonville, Mathematics
KLUMP, KIRBY N., Dayton, Chemistry
KRIEKE, DONALD T., Garfield Heights, Botany
LAZDINS, DAGNIJA, Delaware, Chemistry
LEIBACHER, JOHN W., Shaker Heights, Astronomy
LOELIGER, DAVID A., Wooster, Chemistry
MATEBICH, SR. MARY A., Columbus, Chemistry
MCBRIDE, JAMES M., Lima, Chemistry
MCMAHON, DANIEL S., Cleveland, Botany
MELHORN, ROLF J., Cleveland, Physics
MEYER, DAVID H., New Carlisle, History and Philosophy of Science
MILLER, DAVID L., Cincinnati, Chemistry
MITCHELL, GEORGE T., Sidney, Mathematics
MOBBY, PHILIP R., Cleveland, Botany
NIECE, RONALD L., Lakeview, Genetics
NIEMAN, GEORGE C., Tipp City, Chemistry
NOBLE, JANE L., Shaker Heights, Biochemistry
NORTH, JAMES C., Canal Winchester, Physics
OBERLANDER, HERBERT, Cleveland, Physiology
PATCHE, RICHARD W., Westerville, Engineering
PIERRET, ROBERT F., Euclid, Physics
POTZICK, JAMES E., Cincinnati, Physics
REINSCHMIDT, KENNETH F., Cincinnati, Engineering
RILEY, MERLE E., Waterford, Chemistry
RIX, JOHN R., Ridgeville, Physics
RUBLE, JANE M., Piqua, Genetics
RUSS, JAMES S., Canton, Physics
SCHAEFER, DALE W., Mentor, Chemistry
SCHIVELL, JOHN F., Twinsburg, Physics
SCHWALBE, CARL H., Chillicothe, Chemistry
SCOTT, LAURA J., Middletown, Chemistry
SEALER, DAVID A., Ashland, Engineering
SERNKA, THOMAS J., Cleveland, Physiology

SMITH, JOYCE E., Findlay, Botany
SNEIDER, THOMAS W., Fremont, Physiology
SPITZNAGEL, EDWARD L., Jr., Cincinnati, Mathematics
SWIGERT, ROGER D., Louisville, Chemistry
TAPPE, JOHN, Cincinnati, Earth Sciences
WAYLAND, BRADFORD B., Lakewood, Chemistry
WILSON, JOHN E., Celina, Biochemistry
YANOSKO, KENNETH P., Cleveland, Mathematics
ZARE, RICHARD N., University Heights, Chemistry

Cooperative Graduate

ANDERSON, LOWELL R., Columbus, Chemistry
AUE, DONALD H., Columbus, Chemistry
BARKER, WILLIAM W., Sheffield Lake, Botany
BLOOD, FRANK A., Jr., Portsmouth, Physics
BLOUNT, JOHN F., Gahanna, Chemistry
BOGAN, LARRY D., Bucyrus, Physics
BOUGHTON, ROBERT I., Hilliard, Engineering
BRANNAN, JOHN R., Columbus, Physics
CASSADY, JOHN M., Cleveland, Chemistry
COLBURN, HARRY S., Portsmouth, Engineering
COOKE, GEORGE D., Kent, Zoology
DALRYMPLE, DAVID L., Fredericktown, Chemistry
DAVIDSON, NEIL A., Cleveland Heights, Mathematics
DAY, RUFUS S., III, Shaker Heights, Biophysics
DETCHON, JOEL C., Sebring, Chemistry
ELLISON, JAMES T., Cleveland, Mathematics
EPSTEIN, ANITA G., Columbus, Earth Sciences
FEHLAU, PAUL E., Cleveland Heights, Physics
FISHER, E. MARCIA, North Jackson, Chemistry
FISHER, FARLEY, Painesville, Chemistry
FOX, CHARLES F., Springfield, Biochemistry
FRANKS, EDWIN C., Columbus, Zoology
FROMME, JOSEPH A., Columbus, Mathematics
GARY, STEPHEN P., Campbell, Physics
GAY, DAVID A., Cambridge, Mathematics
GERHEIM, CHARLES C., Canfield, Engineering
GREGG, HAROLD R., Lakewood, Engineering
GRILLIOT, THOMAS J., Dayton, Mathematics
HAMILTON, JOHN T., Columbus, Physics
HODGSON, THOMAS R., Rocky River, Engineering
HUTH, BERNARD G., North Canton, Engineering
JANSSEN, JOHN G., Chardon, Engineering
JOYCE, WILLIAM B., Columbus, Physics
KERN, ROBERT A., Highland Heights, Engineering
KOCH, GARY G., Mt. Vernon, Mathematics
KRUGER, TERRY L., Columbus, Chemistry
LANG, RUDOLPH M., Jr., Cincinnati, Engineering
LANGE, RICHARD M., Cleveland, Chemistry
LEWIS, RAYMOND A., Xenia, Physics
LISTERMAN, THOMAS W., Cincinnati, Physics
LOVE, JOHN C., Columbus, Physics
MACH, GEORGE W., Ottawa, Chemistry
MARGOLIS, GALE V., Cincinnati, Psychology
MILLER, VERNON R., Jr., Tiffin, Chemistry
OAKBERG, THEODORE C., Cincinnati, Physics
PEREIRA, CARLOS M., Cleveland, Physics
POLITZER, PETER A., Cleveland, Chemistry
PRUTOW, RICHARD J., Cleveland Heights, Engineering
RAQUET, CHARLES A., Cleveland, Physics

RAVE, TERENCE W., Dayton, Chemistry
REED, ALLAN H., Youngstown, Chemistry
SAFKO, JOHN L., Columbus, Physics
SAMPSON, THOMAS E., Garrettsville, Engineering
SCHAEFFER, DAVID G., Wyoming, Physics
SCHIMKE, JOEL T., Massillon, Engineering
SCHROEDER, PAUL R., Cincinnati, Physics
SCHROEDER, DIETRICH, Enon, Physics
SHEPARD, KENNETH W., Worthington, Physics
SIGMAN, DONALD R., Columbus, Physics
STEIN, CAROL B., Worthington, General Biology
STEINER, EUNICE M., Dalton, Chemistry
STEINLAGE, RALPH C., St. Henry, Mathematics
STRAUSS, AARON S., Cleveland, Mathematics
SWAIN, RICHARD R., Toledo, Biochemistry
THOMAS, TIMOTHY F., Berea, Chemistry
TSCHANE, JOHN F., Lima, Physics
WALDORF, DAVID L., Columbus, Physics
WEAVER, PATRICIA L., Akron, Mathematics
WEIDNER, TERRY M., Columbus, Botany
WENNER, BRUCE R., Canton, Mathematics
WILLIAMS, FRANCIS D., Columbus, Mathematics
WISH, MYRON, Euclid, Psychology

Graduate Teaching Assistant

BARKLEY, JOHN R., Athens, Physics
BENSON, ANTHONY L., Akron, Earth Sciences
BILES, MARILYN E., Warren, Mathematics
CASKEY, JERRY A., Nevada, Engineering
CLOW, SANDRA S., Cincinnati, General Biology
COOKE, GEORGE D., Kent, General Biology
DALRYMPLE, DAVID L., Fredericktown, Chemistry
DAVIES, WILLIAM D., Cincinnati, Zoology
EVANS, SANDRA J., Tallmadge, Zoology
FEIL, SUSAN E., Cuyahoga Falls, Chemistry
GARD, THEODORE M., Lisbon, Earth Sciences
GARY, STEPHEN P., Campbell, Physics
GAY, DAVID A., Cambridge, Mathematics
GETTYS, WILLIAM E., Athens, Physics
GINAVEN, JOHN H., Akron, Physics
GOLDMAN, MARGARET B., Cincinnati, Chemistry
HAARTZ, JANET C., Cincinnati, Chemistry
HANSON, HAROLD N., Cincinnati, Chemistry
HARMON, SHIRLEY A., Marietta, Microbiology
HERR, RICHARD B., East Cleveland, Astronomy
HILLER, JOHN J., Jr., East Cleveland, Chemistry
KRAMER, KENNETH F., Cleveland, Earth Sciences
KROPP, WILLIAM R., Jr., East Cleveland, Physics
LESH, GEORGIA E., Cleveland, Zoology
MEARS, DAVID E., Harrison, Engineering
MOORHEAD, ELIZABETH G., Findlay, Chemistry
MOORHEAD, REBECCA A., Findlay, Chemistry
O'DELL, RUTH D., Cleveland Heights, Mathematics
OETGEN, RONALD R., Cleveland Heights, Chemistry
OLIVE, JOHN H., Kent, General Biology
SCHUPP, PAUL E., East Cleveland, Mathematics
SKAVARIL, RUSSELL V., Columbus, Genetics
STUCKEY, RONALD L., Bloomville, Botany
TAPPE, JOHN, Cincinnati, Earth Sciences
VESCELIUS, LEE E., Kent, Chemistry
WALKER, FRANCES A., Adena, Chemistry

WALKER, JUDITH A., Cuyahoga Falls, Chemistry
WALTZ, MARION D., Paris, Engineering
WILLIAMS, WILLIAM J., Rio Grande, Engineering
WILSON, JERRY D., Conesville, Physics

Postdoctoral

GERHOLD, GEORGE A., Doylestown, Chemistry
GLASER, FREDERIC M., Columbus, Physics
HEMPFLING, WALTER P., Cincinnati, Microbiology
LUTHER, LARS C., Marietta, Chemistry
SLAYMAN, CLIFFORD L., Jr., Canton, Physiology

Senior Postdoctoral

DESSY, RAYMOND E., Cincinnati, Chemistry
FOLDY, LESLIE L., Cleveland, Physics
GOLDTHWAIT, DAVID A., Cleveland, Genetics
LARNER, JOSEPH, Cleveland, Medical Science
SAPIRSTEIN, LEO A., Cincinnati, Physiology
WHITE, WILLIAM N., Columbus, Biochemistry

Science Faculty

BORCHERS, PERRY E., Columbus, Engineering
CANNON, C. VERNON, Yellow Springs, Biophysics
CHIANG, ALPHA C., Granville, Mathematics
DANIEL, PAUL M., Oxford, Biology
HARKNESS, KENNETH A., Columbus, Biophysics
KIEFFER, WILLIAM F., Wooster, Chemistry
MCGOVERN, FRANCIS G., Dayton, Economics
MULHOLLAND, JOHN D., Cincinnati, Astronomy
POORMAN, ALAN G., Ashland, Mathematics
ROLWING, RAYMOND H., Cincinnati, Mathematics
WONG, EDWARD T., Oberlin, Mathematics
ZACCARO, LUKE N., Hiram, Mathematics

Summer Fellowships for Secondary School Teachers

BADAR, LAWRENCE J., Rocky River, Physics
BACHLER, CHARLES A., Toledo, Microbiology
BALL, GEORGE A., Hopedale, Biology
DEMARCO, FRANK E., Uniontown, Biology
KAUFLIN, SR. AGNES S., Columbus, Mathematics
LAFER, PHILIP J., Port Clinton, Mathematics
LAMBERT, CHARLES L., Cincinnati, Mathematics
LARKIN, SR. PETER M., Columbus, Mathematics
MCMAHON, SR. M. JAMES, Columbus, Mathematics
NIKLAS, SR. M. JOHANNA, Cincinnati, Mathematics
OEHLENSCHLAGER, WM. R., Jr., Wadsworth, Biology
PERKINS, KENNETH E., Vandalia, Biology
POINER, RICHARD T., Kent, Biology
ROBINSON, EDSSEL D., Thompson, Zoology
ROSE, DANIEL A., Perrysburg, Zoology
ROSE, RICHARD, Euclid, Mathematics

OKLAHOMA

Graduate

BUTLER, LARRY G., Ochelata, Biochemistry
BARLOUGHER, ROBERT C., Jr., Tulsa, Engineering
FAUDREE, RALPH J., Atoka, Mathematics
FINLAYSON, BRUCE A., Tulsa, Engineering
FORD, HOLLAND C., Granite, Astronomy

GILBERT, M. CHARLES, Lawton, Earth Sciences
HAWKINS, HERBERT R., Tulsa, Chemistry
KIRMBSE, DALE W., Alva, Engineering
LANE, NEAL F., Norman, Physics
MCGINLEY, JOHN R., Jr. Tulsa, Earth Sciences
MILLER, JUANITA A., Norman, Anthropology
MORAN, WILLIAM P., Tulsa, Physics
MURRAY, FREDERICK N., Tulsa, Earth Sciences
RANGLES, PHILIP W., Hardesty, Engineering
REINHARDT, WILLIAM N., Bartlesville, Mathematics
THACH, ROBERT E., Oklahoma City, Biochemistry
WOOD, DAVID E., Seminole, Chemistry

Cooperative Graduate

BACON, CHARLES M., Bartlesville, Engineering
BALLEW, DAVID W., Norman, Mathematics
BLADE, RICHARD A., Bartlesville, Physics
BRANT, GEORGE, Stroud, Genetics
BURRIS, STANLEY N., Claremore, Mathematics
CAVES, THOMAS C., Pryor, Chemistry
DOTSON, RONALD D., Lawton, Engineering
GILLILAND, HAROLD E., Oklahoma City, Engineering
GLYNN, WILLIAM A., Nowata, Mathematics
MCCREARY, JAMES G., Norman, Engineering
MIRRAM, GEORGE A., Duncan, Mathematics
MORRIS, ROBERT J., Jr., Oklahoma City, History and Philosophy of Science
PIERCE, DONALD A., Enid, Engineering
PROCTOR, DAVID R., Wetumka, Mathematics
QUINN, JAMES A., Jr., Guymon, Botany
RUTLEDGE, JAMES L., Woodward, Physics
SHELDON, GEORGE A., Jr., Hugo, Engineering
SMITH, WILLIAM W., Walters, Mathematics
STEFFENSEN, ROGER J., Chelsea, Engineering
STURM, GENE P., Jr., Bartlesville, Chemistry
TATUM, J. PATRICK, Tulsa, Chemistry
VAUGHAN, ROBERT W., Klowa, Engineering

Graduate Teaching Assistant

ARMSTRONG, GENE L., Stillwater, Engineering
BAILEY, HORACE H., Norman, Physiology
COCHRAN, ALLAN C., Norman, Mathematics
DOWTY, EARL L., Pryor, Engineering
GLYNN, WILLIAM A., Nowata, Mathematics
LOGAN, JOHN M., Norman, Earth Sciences
POTTMYER, JAMES J., Oklahoma City, Engineering
ROBINSON, ROBERT L., Jr., Muskogee, Engineering
THOMASON, LOUIS C., Stillwater, Engineering

Postdoctoral

SMITH, FRANK W., Norman, Mathematics
CLARK, ALFRED, Jr., Bartlesville, Mathematics

Science Faculty

GRIMBS, BILLY R., Stillwater, Mathematics
MANKE, PHILLIP G., Stillwater, Engineering
MCCOY, JEROME D., Tulsa, Physics
MONKS, HERBERT V., Tahlequah, Mathematics
THURSTON, GEORGE B., Stillwater, Physics

Summer Fellowships for Secondary School Teachers

ADAMS, CHARLES A., Muskogee, Biophysics
BRANDT, LOIS C., Norman, Biology

FARMER, RUTH F., Okmulgee, Microbiology
KLENTOS, GUS, Tulsa, Mathematics
PLUMLEE, ERIC S., Claremore, Mathematics
ROWE, RICHARD H., Cromwell, Mathematics
SKELTON, JACK B., Tulsa, Mathematics
WHEISENHUNT, BETTY R., Tahlequah, Zoology
WOODRUFF, GEORGE W., Stillwater, Biology

OREGON

Graduate

ASHLEY, ROGER P., Portland, Earth Sciences
AUERBACH, CARL F., Portland, Psychology
BLAU, HARVEY I., Molalla, Mathematics
BOGART, ELIZABETH A., Corvallis, Zoology
CASSELMAN, WILLIAM A., Portland, Mathematics
GERDING, ROBERT K., Portland, Biochemistry
GOOSMAN, DAVID R., Portland, Physics
LADD, LARRY A., Portland, Physics
MACINTYRE, ROSS J., Yachats, Genetics
MOURSUND, ANNE L., Eugene, Chemistry
PEARSON, GARY A., Portland, Physics
RETTIG, ROBERT L., Ontario, Engineering
RINARD, GILBERT A., Newberg, Physiology
SALLEE, GEORGE T., Nyssa, Mathematics
SATHER, CLIFFORD A., Portland, Anthropology
THOMASON, STEVEN K., Albany, Mathematics
WELCH, RONALD A., Salem, Mathematics
WRIGHT, LINDA A., Ashland, Chemistry

Cooperative Graduate

BAKER, GEORGE F., Salem, Zoology
BASS, WALTER E., Portland, Engineering
GLOVER, DIANA R., Eugene, Biochemistry
GRAVES, DONALD L., Corvallis, Engineering
HADDOCK, GERALD H., Grants Pass, Earth Sciences
HARPER, LAWRENCE H., Eugene, Mathematics
MYERS, MICHAEL K., Portland, Engineering
NIBLER, JOSEPH W., Salem, Chemistry
PAWLOWSKI, NORMAN E., Jacksonville, Chemistry
RYAN, ROBERT R., Corvallis, Chemistry
SEXTON, HAROLD C., Medford, Chemistry
THORNER, KARVEL K., Portland, Engineering
WINN, DAVID A., Eugene, Physics

Graduate Teaching Assistant

ESPEY, RODNEY E., Portland, Mathematics
HEBNER, GARRY A., Portland, Mathematics
KERLEY, DAVID E., Corvallis, Physiology
LYFORD, JOHN H., Jr., Corvallis, Botany
RITSCHARD, RONALD L., Corvallis, Zoology
SHERIDAN, RICHARD P., Eugene, Botany
STEIN, DONALD G., Eugene, Psychology
WHITE, RONALD J., Corvallis, Physiology

Postdoctoral

CROTHERS, DONALD M., Salem, Biophysics
IRGENS-MOLLER, HELGE, Corvallis, Genetics
LUTHER, NORMAN Y., Salem, Mathematics
RUSSELL, DALE A., Enterprise, Earth Sciences
THIELE, EVERETT A., Eugene, Chemistry

Senior Postdoctoral

DECUIF, JOHN C., Corvallis, Chemistry
STAFFORD, HELEN A., Portland, Biochemistry

Science Faculty

KARLE, JAMES H., Portland, Physics
LEADLEY, JOHN D., Portland, Mathematics
LONG, VERNON L., Portland, Physics

MCCLEURE, ELDON R., Corvallis, Engineering
TABBUIT, FREDERICK D., Portland, Chemistry
WALTON, JESSE S., Corvallis, Engineering
YOUTZ, BYRON L., Portland, Biophysics
ZAWORSKI, ROBERT J., Corvallis, Engineering

Summer Fellowships for Secondary School Teachers

BACHMAN, ALFRED M., Portland, Mathematics
MADDOX, TERRANCE, Springfield, Earth Sciences
MCKENZIE, DONALD S., Stayton, Zoology
NEAL, VICTOR T., Portland, Earth Sciences
PERRY, GEORGE H., Gresham, Mathematics

PENNSYLVANIA

Graduate

AFRICA, BRUCE B., Warren, Biochemistry
ANDERS, LESLIE R., Lansdale, Chemistry
ANTHONY, THOMAS R., Pittsburgh, Physics
BAILEY, DAVID N., Irwin, Chemistry
BAJURA, RICHARD A., Duquesne, Engineering
BALCH, ALAN L., Royersford, Chemistry
BALSLEY, MERLE, Glen Mills, Genetics
BARTEN, CAROLYN O., State College, Biophysics
BENNETT, ALAN J., Philadelphia, Physics
BEUSCH, JOHN U., Erie, Engineering
BICKING, LEWIS A., Phoenixville, Biophysics
BOARDMAN, CHARLES J., Pittsburgh, Engineering
BRANDT, RICHARD A., Kingston, Physics
BREZIN, JONATHAN P., Pittsburgh, Mathematics
BROOKS, MORRIS W., Reading, Mathematics
BURNHAM, DAVID C., Pittsburgh, Physics
CAPECCHI, MARIO R., Southampton, Biophysics
CHERNOFF, PAUL R., Philadelphia, Mathematics
COMANOR, WILLIAM, S., Philadelphia, Economics
COOKE, GEORGE E., Rosemont, Mathematics
CROSS, RICHARD J., Jr., Pittsburgh, Chemistry
DEMKO, GEORGE J., Newtown Square, Geography
DESANTO, JOHN A., Kingston, Physics
DRISCOLL, GARY L., Forksville, Chemistry
EDWARDS, DALLAS C., Meadville, Zoology
EISENBERG, MURRAY, Philadelphia, Mathematics
EPLER, JAMES L., York, Genetics
FEELEY, ROBERT P., Scranton, Mathematics
FELDMAN, JERRY F., Philadelphia, Zoology
FINARELLI, HUGO J., Jr., Upper Darby, Mathematics
FINK, JAMES P., Broomall, Mathematics
FLEISCHMAN, WILLIAM M., Bethlehem, Mathematics
GABRIELE, THOMAS L., York, Engineering
GARLAND, STEPHEN J., Pittsburgh, Mathematics
GASTON, CHARLES A., Lancaster, Engineering
GILBERT, KEITH D., Boyertown, Engineering
GIMPEL, JAMES F., Philadelphia, Engineering
GRAHAM, LAWRENCE D., Bradford, Engineering
GRANDY, RICHARD E., Gibsonia, History and Philosophy of Science
GRAY, DONALD M., Milton, Biophysics

HAMILTON, GEORGE T., Pittsburgh, Engineering
HEINTZELMAN, WILLIAM J., Neffs, Physics
HELWIG, JAMES A., Glenside, Earth Sciences
HESS, DAVID F., Doylestown, Earth Sciences
HICKEY, LEO J., Philadelphia, Earth Sciences
HOFFMAN, DONALD B., Allentown, Biophysics
HOFFMAN, RICHARD B., Bethlehem, Physics
HOLLAND, RICHARD W., Upper Darby, Engineering
HOLMBERG, GARY L., Warren, Engineering
HOBOWITZ, DANIEL H., State College, Earth Sciences
HUEBNER, JOHN S., Wynnewood, Earth Sciences
HUMPHREYS, JAMES E., Erie, Mathematics
JEFFERYS, WILLIAM H., III, Radnor, Astronomy
JEROME, JOSEPH W., Philadelphia, Mathematics
KALME, CHARLES I., Philadelphia, Mathematics
KATZ, VICTOR J., Philadelphia, Mathematics
KELLY, FRANCES J., Shamokin, Biology
KLEIN, FRANCIS M., Wilkes-Barre, Chemistry
KRAMER, ANTHONY J., Philadelphia, Engineering
LANGRETH, SUSAN G., Pittsburgh, Zoology
LAVINE, RICHARD B., Huntingdon Valley, Mathematics
LAWRENCE, PAUL J., Hazleton, Biochemistry
LIBERMAN, DAVID, Philadelphia, Mathematics
LIPPARD, STEPHEN J., Pittsburgh, Chemistry
LIVE, THEODORE R., Philadelphia, Biochemistry
LOLOORDO, VINCENT M., Philadelphia, Psychology
MARKLEY, F. LANDIS, Cheltenham, Physics
MARTIN, RICHARD K., Elizabethtown, History and Philosophy of Science
MASESS, RICHARD B., Philadelphia, Anthropology
MCGRADY, SR. M. MERCY, Pittsburgh, Chemistry
MCLEISTER, ELIZABETH O., Pittsburgh, Chemistry
MISEL, JOHN L., Erie, Chemistry
MOHR, SCOTT C., Warren, Biochemistry
MOORE, LAWRENCE C., JR., Newtown Square, Mathematics
MUNLEY, FRANCIS E., Archbald, Physics
MURPHY, JOHN H., Pittsburgh, Engineering
NIEDRA, JANIS M., Beaver Falls, Engineering
NOBLE, ROBERT W., JR., Ardmore, Biophysics
NUNEMAKER, RODNEY D., Centerport, Physics
O'DONNELL, VINCENT F., Philadelphia, Physics
ORNSTON, LEO N., Horsham, Biochemistry
PACKEL, EDWARD W., Merion Station, Mathematics
PARSONS, TORRENCE D., Lock Haven, Mathematics
PASSELL, NICHOLAS, Pittsburgh, Mathematics
PIERCE, RUSSELL D., Homer City, Physics
RAUB, WILLIAM F., Nanticoke, Physiology
RESCORLA, ROBERT A., Philadelphia, Psychology
RUSSAKOFF, GERALD S., Philadelphia, Physics
SANKOWSKY, DANIEL A., Merion, Mathematics
SCHICK, MICHAEL, Philadelphia, Physics
SHABAKER, ROBERT H., Media, Engineering
SHAFFER, OLIVIA C., Swarthmore, Chemistry
SHARPLESS, KARL B., Haverford, Chemistry
SHORTESS, DAVID K., Bloomsburg, Genetics
SHUMANN, ANN P., Easton, Psychology

SILVERSTEIN, MARTIN L., Philadelphia, Mathematics
SPEER, VIRGINIA E., Pittsburgh, Mathematics
STANLEY, HARRY E., JR., West Chester, Biophysics
STOWELL, JOHN C., Erie, Chemistry
SWAIN, PHILIP H., Philadelphia, Engineering
SWITKES, LOUISE S., Pittsburgh, Biochemistry
TAPPERT, FREDERICK D., Philadelphia, Physics
THOMAS, JAMES A., Chester, History and Philosophy of Science
TROST, BARRY M., Philadelphia, Chemistry
UHRIG, JEROME L., Irwin, Engineering
WELCH, DAVID O., Swarthmore, Engineering
WILLIAMSON, SAMUEL J., Sayre, Physics
WILLS, ESTHER V., Secane, Biochemistry
WILSON, G. EDWIN, JR., Philadelphia, Chemistry
WOLF, RICHARD A., Pittsburgh, Physics
YAROSH, EDWARD C., Baden, Biophysics
YODER, CLAUDE H., West Reading, Chemistry
ZAMBLE, EDWARD, Philadelphia, Psychology
ZIEGLER, JOANNA R., Lewisburg, Botany

Cooperative Graduate

BAECKER, RONALD M., Pittsburgh, Engineering
BEALS, RICHARD W., Erie, Mathematics
BENZINGER, WILLIAM D., Pittsburgh, Chemistry
BOSSARD, DAVID C., Perkaskie, Physics
BRANDT, RICHARD C., Swarthmore, Physics
BRISBIN, I. LEHR, JR., Drexel Hill, Zoology
BUCHER, PHILIP M., McKees Rocks, Engineering
CAMPBELL, FRANCIS J., Philadelphia, Physics
CAMPBELL, MARY K., Havertown, Chemistry
CARLSON, GUSTAV A., Oakmont, Engineering
COHEN, GERSON H., Philadelphia, Chemistry
COOK, RAYMOND G., McKeesport, Engineering
CUTNELL, JOHN D., Whitaker, Chemistry
DANHER, FRANCIS A., Pittsburgh, Chemistry
DARWIN, PATRICIA L., Jenkintown, Psychology
DORWART, WILLIAM V., JR., Lancaster, General Biology
DOUZY, CHARLES F., Pittsburgh, Chemistry
ENGL, ROBERT R., Pittsburgh, Chemistry
FONASH, STEPHEN J., Haverford, Engineering
FORNEY, LEROY S., Harrisburg, Chemistry
FOUNTAIN, JAMES E., Drexel Hill, Chemistry
GREYAK, THOMAS J., Nanticoke, Physics
GUINAN, JOHN J., JR., Lafayette Hill, Engineering
HANSON, KENNETH L., State College, Engineering
HARTMANFT, RONALD J., Bethlehem, Engineering
HAUDE, RICHARD H., Pittsburgh, Psychology
HAYS, JO N., State College, History and Philosophy of Science
HOFFMAN, PETER D., Altoona, Engineering
HOFFMEISTER, JOHN L., Philadelphia, Engineering
HORN, ROGER A., Easton, Mathematics
HUMMEL, FLOYD A., State College, Physics
JEFFERS, PETER M., Myerstown, Chemistry
KENIG, MARVIN J., Philadelphia, Engineering
KENSCHAFT, ROLAND P., Philadelphia, Physics
KOMITSKY, FRANK, JR., Butler, Chemistry
KRISCH, ALAN D., Philadelphia, Physics
LANGRHOEC, JOHN, Johnstown, Physics
LIPOWITZ, JONATHAN, Pittsburgh, Chemistry

MAGAN, JOHN R., Bethlehem, Physics
MANOVE, MICHAEL E., Havertown, Mathematics
MATTHYS, DONALD R., Philadelphia, Physics
MAYER, RAYMOND A., Jr., Philadelphia, Mathematics
MCDOWELL, GEORGE O., Butler, Engineering
MCKAY, DAVID S., Paoli, Earth Sciences
MCKEEVER, LELAND D., Pittsburgh, Chemistry
MILLER, FORREST R., Jr., York, Mathematics
MILLER, NORMAN C., Jeannette, Economics
MITCHELL, EDWARD J., Aldan, Economics
MORRISON, FRANK A., Jr., Greensburg, Engineering
NADOLSKY, RICHARD J., Lilly, Chemistry
NAGLE, JOHN F., Girard, Physics
NEAL, TIMOTHY R., Curwensville, Physics
PAULSON, ALBERT S., Plymouth, Mathematics
PLATENIUS, PETER H., Ardmore, Psychology
POWER, JOSEPH, Pittsburgh, Microbiology
RANK, DAVID M., State College, Physics
RATCLIFF, KEITH F., Pittsburgh, Physics
REYNER, EMERSON M., II, Harrisburg, Engineering
ROBBES, CHRIS, Havertown, Mathematics
ROSENZWEIG, MICHAEL, Philadelphia, General Biology
ROSS, JAMES A., Drexel Hill, Physics
SCHACHER, MURRAY M., Philadelphia, Mathematics
SCHALLER, EDWARD J., Philadelphia, Engineering
SHORT, HERBERT M., Bridgeville, Mathematics
SLAGLE, OTIS D., University Park, Earth Sciences
SMITH, JOHN E., Jr., Clairton, Physics
SWIFT, ARTHUR R., Folcroft, Physics
TAMARELLI, ALAN W., Pittsburgh, Engineering
TORRENCE, ROBERT J., Pittsburgh, Physics
TRAVIS, CAROL A., North East, Physics
TRESSLER, RICHARD E., Bellefonte, Earth Sciences
URBACH, FREDERICK L., Beaver Falls, Chemistry
WASHBURN, ALAN R., Pittsburgh, Engineering
WEBBER, STEPHEN E., Scranton, Chemistry
WEHRY, EARL L., Jr., Reading, Chemistry
WEVER, GRACEMARIE H., Barto, Zoology
WHIRLOW, DONALD K., Pittsburgh, Engineering
WINTER, HARRY C., State College, Biochemistry
WYSE, GORDON A., Wallingford, Physiology
YERGEY, ALFRED L., III, Willow Grove, Chemistry

Graduate Teaching Assistant

ALLEN, GEORGE R., Doylestown, Physics
BRIDLEMAN, JAMES C., State College, Mathematics
BENSINGER, WILLIAM D., Pittsburgh, Chemistry
BOVE, FRANK C., Yeadon, Medical Sciences
BRIMHALL, JAMES E., Pittsburgh, Physics
BRODSKY, ALAN R., Philadelphia, Mathematics
BROOKS, WILLIAM H., Camp Hill, Botany
BERSARKISSIAN, MICHAEL, State College, Physics
DIERST, KAY E., Pittsburgh, Physiology
DIGREGORIC, GUERINO J., Drexel Hill, Medical Sciences

DOUTY, CHARLES F., Pittsburgh, Chemistry
DUBOFF, RICHARD B., Philadelphia, Economics
ERB, KENNETH L., Souderton City, Botany
FOURNIER, ALINE F., Pittsburgh, Chemistry
GADE, EDWARD H., III, Pittsburgh, Mathematics
GOOD, RICHARD S., Bryn Mawr, Earth Sciences
HEATWOLE, NANCY L., Pittsburgh, Chemistry
HEDDING, DALE P., Pittsburgh, Engineering
HITT, JOE S., Pittsburgh, Engineering
HOHENLEITNER, FRANK J., Philadelphia, Physiology
HOTSON, JOHN H., Bethayres, Economics
HUBER, CARL I., North East, Engineering
MARES, ERIKA A., State College, Mathematics
MCGEARY, DAVID F. R., State College, Earth Sciences
MCLEAN, PETER C., Villanova, Chemistry
MOORE, LAWRENCE C., Jr., Newtown Square, Mathematics
MORGAN, CHARLES D., Bethlehem, Engineering
MORRIS, CLIFTON, Fredericktown, Botany
MUNRO, DONALD W., University Park, Physiology
MUSHRUSH, GEORGE W., Homer City, Chemistry
OSGOOD, RICHARD G., Jr., West Chester, Earth Sciences
POMMERSHEIM, JAMES M., Pittsburgh, Engineering
POWERS, DAVID L., Glenside, Mathematics
PRESTON, IVAN L., Pittsburgh, Social Sciences
RIFFE, WILLIAM J., Pittsburgh, Engineering
ROSE, MARY E., Pittsburgh, General Biology
SALTER, JAMES W., Pittsburgh, Mathematics
SCHLEICHER, DAVID L., State College, Earth Sciences
SOBOTA, ANTHONY E., Pittsburgh, Botany
STANSFIELD, CHARLES, Jr., Pittsburgh, Geography
STUSNICK, ERIC, Edwardsville, Physics
SUMNER, PATRICIA C., Dimock, Botany
SZUSZCZEWICZ, ANTHONY J., Philadelphia, Medical Sciences
TOST, BARRY M., Philadelphia, Chemistry
WAAG, ROBERT C., Drexel Hill, Engineering
WELLS, JACQUELINE G., Monroeville, Mathematics
WILDE, PAT, Pittsburgh, Earth Sciences

Postdoctoral

BLOOM, BARRY R., Philadelphia, Biochemistry
CIMA, JOSEPH A., State College, Mathematics
FETTER, ALEXANDER L., Philadelphia, Physics
HRUSKA, SAMUEL J., Pittsburgh, Engineering
KRANTZ, DAVID H., Philadelphia, Psychology
LANG, L. GEORGE, Pittsburgh, Physics
NICHOLS, FRED A., Bridgeville, Engineering
OFFENHARTZ, PETER O., Philadelphia, Chemistry
RUSSELL, KENNETH C., Pittsburgh, Engineering
SMITH, PAUL L., Jr., Pittsburgh, Meteorology
STEBERS, EDWARD, Jr., Philadelphia, Genetics
TRAHANOVSKY, WALTER S., Conemaugh, Chemistry

Senior Postdoctoral

HEPLER, LOREN G., Pittsburgh, Chemistry
PROKASY, WILLIAM F., University Park, Psychology
STEELE, WILLIAM A., University Park, Chemistry

Science Faculty

BETHEM, AUGUST J., San Luis Obispo, Mathematics
BOTDORF, RUTH G., University Park, Chemistry
CARSON, BERNARD H., University Park, Engineering
CRAWFORD, JAMES P., Easton, Mathematics
DINES, EDWARD A., Pittsburgh, Oceanography
DUNATHAN, HARMON C., Haverford, Chemistry
HEALD, MARK A., Swarthmore, Physics
HERBICH, JOHN B., Bethlehem, Engineering
JONES, ROBERT R., Easton, Engineering
KACZMARCZIK, PAUL, Philadelphia, Physics
KIMLIN, MARY J., Easton, Chemistry
LAUBER, GEORGE, Jr., Villanova, Sociology
LEONARD, ROY J., Bethlehem, Engineering
MATHERS, LEWIS J., Villanova, Engineering
ROINE, JARL, San Luis Obispo, Geography
ROLL, FREDERIC, Philadelphia, Engineering
SCHILLER, JOHN J., Jr., Philadelphia, Mathematics
SHEWMON, PAUL G., Pittsburgh, Engineering
THOMAS, DONALD H., Philadelphia, Engineering
WEST, HARRY H., University Park, Engineering

Summer Fellowships for Secondary School Teachers

BYLER, GEORGE E., Emmaus, Mathematics
BROBST, DONALD L., Williamsport, Earth Sciences
CLEMSON, DAVIS F., Jr., State College, Mathematics
DAY, GORDON M., New Hope, Biology
DEMISTRAS, BRO. GREGORY, Philadelphia, Chemistry
DIVELY, GALEN P., Claysburg, General Sciences
HEBERLIG, RAYMOND D., Lebanon, Botany
HELMS, DORIS E., Hellertown, Mathematics
KELLER, PAUL J., II, Lewisburg, Biology
MANLEY, THOMAS R., Selingsgrove, Zoology
MURRAY, CECIL P., Rimersbury, Mathematics
SCHILLINGER, SR. JOANNA, Pittsburgh, Biology
SCHWALBE, PAUL W., Lima, Biology
SMITH, ALVA N., Lock Haven, Microbiology
VAUX, JAMES E., Pittsburgh, Chemistry
WILLIAMS, EUGENE M., Warren, Biology
YODER, HAROLD D., Altoona, Microbiology
ZAMPETTI, GEORGE P., Philadelphia, Mathematics

PUERTO RICO

Graduate

STOLBERG, HAROLD J., Rio Piedras, Mathematics

Science Faculty

RODRIGUEZ, SR. HAYDEN, Santa Maria, Ponce, Mathematics

Summer Fellowships for Secondary School Teachers

SUAREZ DE OJEDA, OLGA L., Hato Rey, Mathematics

RHODE ISLAND

Graduate

FRANK, MARION E., Providence, Psychology
KENNY, JOHN J., Cranston, Engineering

LUND, JUDITH N., Providence, Botany
MILLWARD, CECILIA M., Providence, Linguistics
PIKE, ARTHUR C., Warwick, Meteorology
SHIMP, CHARLES P., Providence, Psychology
SUPLINSKAS, RAYMOND J., Providence, Chemistry

Cooperative Graduate

ARNOLD, LESLIE K., Providence, Mathematics
BROSHAR, WAYNE C., Providence, Physics
FLETCHER, RAYMOND C., Hope, Earth Sciences
KAUFMAN, MICHELE, Tiverton, Astronomy
WINICOUR, JEFFREY H., Providence, Physics

Graduate Teaching Assistant

BOUFFARD, ROLAND A., Pawtucket, Chemistry
COTTER, JOHN T., Cranston, Engineering
DILBONE, GILBERT R., Providence, Microbiology
MARSOCCI, SAMUEL F., West Warwick, Chemistry
SCHWARTZ, BRIAN B., Providence, Physics
TUCKER, DONALD P., Barrington, Economics

Postdoctoral

BROWDER, ANDREW, Providence, Mathematics

Senior Postdoctoral

CLARKE, JOSEPH H., Providence, Engineering

Science Faculty

GOULD, WALTER P., Kingston, Zoology
LAVELLE, FRANCIS H., Kingston, Engineering

Summer Fellowships for Secondary School Teachers

EHRLICH, ROSALIND H., Providence, Chemistry

SOUTH CAROLINA

Graduate

ANSELMO, ROBERT A., Florence, Physics
ARRINGTON, CHARLES A., Jr., Clemson, Chemistry
HEALD, LAWRENCE A., Hartsville, Engineering
INGRAM, LIONEL R., Charleston, Economics
KEELER, EMMETT B., Charleston, Mathematics
LIVERMAN, ROBERT B., Lexington, Economics
LUNNEY, DAVID C., Columbia, Chemistry
ROGGERSON, NANCY C., Columbia, Physics
TEMPLE, ROBERT D., Mount Pleasant, Chemistry
WYMAN, BOSTWICK F., Columbia, Mathematics

Cooperative Graduate

AGEE, FORREST, J., Jr., Mount Pleasant, Physics
BRELAND, JOHN G., Jr., Holly Hill, Chemistry
CANTRELL, THOMAS S., Columbia, Chemistry
CRAVER, LARRY W., Columbia, Engineering
DAVIS, DONALD R., Greenville, Physics
LUCAS, SPURGEON L., Jr., Columbia, Engineering
MADDOX, BILLY H., Columbia, Mathematics
PACE, MARSHALL O., Columbia, Engineering
REID, WILLIAM J., Jr., Abbeville, Physics
SHAND, JULIAN B., Jr., Columbia, Physics

Graduate Teaching Assistant

BRITTAI, JOAN, Clemson, Mathematics
COLEMAN, ROBERT A., Anderson, Engineering
CRAVER, LARRY W., Columbia, Engineering
FOLEY, JOHN M., Anderson, Psychology
LEACH, WILLIAM M., Abbeville, Engineering
MOORE, LAWRENCE E., Conway, Chemistry
STEWART, WILLIAM H., Jr., Nichols, Physics
THOMAS, JOHN P., Columbia, Mathematics

Science Faculty

GAMBRELL, SAMUEL C., Jr., Clemson, Engineering
JOHNSON, JAMES K., Jr., Clemson, Engineering

Summer Fellowships for Secondary School Teachers

DOGE, HOWARD P., Spartanburg, Mathematics
JACOBS, JACQUELINE E., Columbia, Botany

SOUTH DAKOTA

Graduate

CAULKINS, DAVID D., Rapid City, Anthropology
CLARK, HERBERT H., Deadwood, Psychology
ERNISSE, ERROL P., Rapid City, Engineering
FROEMKE, JON C., Sioux Falls, Mathematics
RUMELHART, DAVID E., Wessington Springs, Psychology
WAGNER, RAYMOND L., Bristol, Engineering

Cooperative Graduate

KIDMAN, RUSSELL B., Wessington Springs, Physics

Graduate Teaching Assistant

CLAFLIN, TOM O., Vermillion, Zoology

Postdoctoral

RAPP, GEORGE R., Rapid City, Earth Sciences

Science Faculty

ADAIR, JOHN G., Mitchell, Psychology
GRAETZER, HANS G., Brookings, Physiology
KOPFSELL, PAUL L., Brookings, Engineering
MOLLER, GOTTFRIED I., Vermillion, Physics
THOMPSON, JOHN D., Sioux Falls, Biophysics

TENNESSEE

Graduate

BENNETT, RALPH B., Knoxville, Mathematics
BOYLES, WILEY R., Maryville, Psychology
BUTLER, WILLIAM R., Lexington, Physics
ENGELBERG, DON P., Memphis, Physics
FORTUNE, HERMAN T., Selmer, Physics
HALL, DONALD E., Cleveland, Physics
HIRSCH, ALBERT E., Knoxville, Engineering
JOHNSON, PORTER W., Tyner, Physics
KYLE, CHARLES F., Memphis, Physics
MANKIN, WILLIAM G., Memphis, Physics
PARKER, WESLEY A., Knoxville, Engineering
RITTENBERG, ALAN, Nashville, Physics
RITTER, ENLOE T., Memphis, Physics
SCHAEPFEN, HAROLD W., Memphis, Engineering
THOMPSON, JAMES R., Memphis, Mathematics
WALPOLE, JAMES N., Brownsville, Engineering

Cooperative Graduate

BACKSTROM, NEIL C., Nashville, Physics
BLACKBURN, JOSEPH D., Kingsport, Engineering
COX, RICHARD L., Lenoir City, Engineering
GAUSTER, WILHELM B., Oak Ridge, Physics
HETZLER, MORRIS C., Jr., Nashville, Physics
LEWIS, JAMES L., III, Nashville, Engineering
MARTIN, WILLIAM J., Somerville, Engineering
MISCHKE, RICHARD E., Memphis, Physics
NOREM, WALTER E., Knoxville, Engineering
SWITZER, ROBERT M., Jr., Kingsport, Mathematics
THOMPSON, CLIFTON C., Jr., Columbia, Chemistry
THOMPSON, WILLIAM T., Knoxville, Chemistry
TRENTHAM, JIMMY N., Nashville, Zoology
WALLER, JOHN W., Johnson City, Engineering
WILLIAMS, RICHARD K., Nashville, Mathematics

Graduate Teaching Assistant

BAILEY, DONALD F., Nashville, Mathematics
BIVENS, DONALD B., Cleveland, Engineering
CHRISTY, JOHN H., Jr., Nashville, Mathematics
COCHRAN, GEORGE T., Knoxville, Chemistry
KINSEY, HUBERT B., Madisonville, Chemistry
LATHAM, ROGER A., Springfield, Chemistry
LIPTON, DOUGLAS S., Nashville, Sociology
MCCARTY, STUART W., Knoxville, Chemistry
NELSON, OSCAR T., Jr., Nashville, Mathematics
PEEK, NORMAN E., Concord, Chemistry
RAY, GENE W., Knoxville, Physics
ROBERTS, MARY D., Selmer, Zoology
ROVEE, DAVID T., Memphis, Zoology
SHUGART, LEE R., Maryville, Microbiology
VONDRAK, EDWARD A., Nashville, Physics
WILLIAMS, RICHARD K., Nashville, Mathematics
WOOD, JAMES L., Nashville, Chemistry
YATES, HARRIS O., Nashville, Botany
ZGANJAR, EDWARD F., Nashville, Physics

Postdoctoral

KOEN, FRANK M., Nashville, Psychology

Senior Postdoctoral

WELSHONS, WILLIAM J., Oak Ridge, Genetics

Science Faculty

BOLING, RONALD W., Knoxville, Engineering
BROWN, FLOYD L., Clarksville, Botany
GLASER, DONALD L., Memphis, Engineering
MOTT, JULIAN E., Knoxville, Engineering

TEXAS

Graduate

BEYNON, EUGENE T., Jr., Corpus Christi, Engineering
BLACKMON, MAURICE L., Beaumont, Physics
BLACKWELL, DAVID D., Dallas, Earth Sciences
BLANKENSHIP, JAMES E., Sherman, Physiology
BLUM, FRED A., Jr., Austin, Physics
BRONSTAD, GILBERT W., Arlington, Psychology

CARMICHAEL, J. W., Jr., Dimmitt, Chemistry
 CARTER, LUCIAN C., III, Beaumont, Physics
 COLLIER, ROBERT J., Fort Worth, Physiology
 COOKE, JAMES H., Denton, Physics
 COUBY, GLENN E., Houston, Engineering
 DOMASH, LAWRENCE H., Houston, Physics
 DOYLE, JOSEPH C., Houston, Physics
 FARIES, DILLARD W., Brownwood, Physics
 FISK, GEORGE A., Houston, Chemistry
 FUREY, WILLIAM N., Jr., Mount Pleasant, Physics
 GIBSON, BENJAMIN F. V., Lufkin, Physics
 GILMARTIN, MICHAEL C., Fort Worth, Mathematics
 GREENHALL, CHARLES A., Dallas, Mathematics
 GUILLORY, JOHN U., Jr., Houston, Physics
 HANNIGAN, JAMES R., Bryan, Engineering
 HARRIS, RICHARD J., Houston, Psychology
 HICKMAN, KATIE H., Port Neches, Zoology
 HITT, JOHN C., Houston, Psychology
 HODGES, CARROLL A., Austin, Earth Sciences
 JOCKUSCH, CARL G., Jr., San Antonio, Mathematics
 JOHNSON, LARRY C., Fort Worth, Physics
 JOHNSON, RAYMOND L., Alice, Mathematics
 KNEZEK, BERNARD D., Seymour, Biology
 KONEN, HARRY P., Houston, Mathematics
 LAMBERT, JOSEPH B., San Antonio, Chemistry
 LARMORE, LAWRENCE L., Jr., Houston, Mathematics
 LESSER, HERBERT A., Fort Worth, Engineering
 LEVY, CHARLES M., Houston, Psychology
 LOCKERD, ROBERT M., Abilene, Engineering
 LOGAN, JAMES B., Austin, Biochemistry
 MANNING, ROBERT J., Dallas, Physics
 MATZNER, RICHARD A., Hurst, Physics
 MCCLAINE, WILLIAM M., Georgetown, Chemistry
 MOORE, ALLEN M., Austin, Biology
 MORROW, JAMES A., Dallas, Mathematics
 NELSON, WILLIAM G., IV, Orange, Economics
 PAGE, LINDA J., Fort Worth, Anthropology
 PORTER, JOHN R., Austin, Physics
 PRESCOTT, CHARLES Y., Houston, Physics
 ROBINSON, LYNDON H., Jr., Orange, Engineering
 SUDDERTH, WILLIAM D., Dallas, Mathematics
 SULLIVAN, DENNIS P., Houston, Mathematics
 VAUGHN, MARK H., San Benito, Physics
 VENNIS, ALAN J., Houston, Engineering
 VULLEMIN, JOSEPH J., Chicago, Physics
 WARREN, ROBERT H., Bellaire, Zoology
 WELLS, RAYMOND O., Jr., Dallas, Mathematics
 WEST, LYNN, P., Lamesa, Engineering
 WOODWARD, JOE W., Beaumont, Engineering
 WOOTEN, DAVID C., Bellaire, Engineering
 WRIGHT, ALAN C., Houston, Chemistry

Cooperative Graduate

ABLES, PAULA R., Austin, Biochemistry
 ANDERSON, CHARLES L., Dallas, Mathematics
 ARTERBURN, DAVID R., Amarillo, Mathematics
 BORM, ALFRED E., Pearland, Mathematics
 BRAMMER, LINDA R., Denton, Chemistry
 BURTON, JOHN D., Waco, Physics
 CARACENA, FERNANDO, Jr., El Paso, Physics
 COHEN, LEWIS H., Dallas, Earth Sciences
 DAVIS, ANN A., Austin, Mathematics
 DAVIS, ROBERT C., Dallas, Mathematics
 ELLIS, NEWTON C., Texas City, Psychology
 EVERETT, JOHN R., Austin, Earth Sciences
 FISHER, GARY D., Borger, Engineering
 GARRARD, WILLIAM L., Jr., Austin, Engineering

GRAY, ALFRED, Dallas, Mathematics
 GROVES, MORTON D. P., Matador, Engineering
 GUY, JIMMIE D., College Station, Engineering
 HARPER, RICHARD I., Pasadena, History and Philosophy of Science
 HAYSE, FRANKLIN A., McAllen, Zoology
 HERMES, ROBERT A., Hallettsville, Engineering
 HILL, JOHN G., Hereford, Earth Sciences
 HIRSH, CONRAD W., Houston, Mathematics
 HUGHES, MICHAEL P., Houston, Chemistry
 KIERGAN, STEPHEN E., Longview, Physics
 MANNING, GERALD S., El Paso, Biochemistry
 MCENTEE, WINNIE R., Dallas, Chemistry
 MOORE, LESLIE R., Westbrook, Mathematics
 MORGAN, JERRY D., Houston, Engineering
 MURPHY, JOSEPH S., Austin, Chemistry
 NAUGLE, DONALD G., Fort Worth, Physics
 OTTMERS, DELBERT M., Jr., Austin, Engineering
 POPE, LARRY D., Pasadena, Engineering
 PORTER, VERNON R., Dallas, Earth Sciences
 POTTER, PATRICIA S., Fort Worth, Microbiology
 PRESCOTT, LANSING M., Houston, Physiology
 ROBERTS, HOWARD N., Corpus Christi, Engineering
 ROGERS, JACK W., Jr., Austin, Mathematics
 SMITH, ROGER E., Arlington, Engineering
 SPENCER, ALEXANDER B., San Antonio, Earth Sciences
 STANFORD, JOHN L., La Porte, Physics
 SULLIVAN, CHARLES R., El Paso, Physics
 WHEELER, LEWIS T., Houston, Engineering
 WISCAMB, MARGARET R., Euless, Mathematics

Graduate Teaching Assistant

BAKER, JAMES H., Fort Worth, Microbiology
 BISHOP, BOBBY A., Cleburne, Earth Sciences
 BOEHME, HOLLIS C., Bryan, Physics
 BRIDGES, GILBERT S., Dallas, Economics
 CASE, WILLIAM E., Lubbock, Physics
 CASS, LOIS J., Dallas, Physics
 CLEMONS, RUSSELL E., Austin, Earth Sciences
 CRUTCHER, JAMES E., Kilgore, Engineering
 DAUGHERTY, MARY A., Dallas, Anthropology
 EDMONDSON, ANDREW J., Bryan, Engineering
 GREEN, WALTER L., College Station, Engineering
 HARRIS, ELIZABETH F., Hurst, Zoology
 HARRISON, DOUGLAS P., Frost, Engineering
 HAYNES, JACK R., Fort Worth, Psychology
 HOBBS, JAMES W., Wichita Falls, Chemistry
 HUDDLESTON, ROBERT E., Fort Worth, Mathematics
 KING, ELBERT A., Jr., Austin, Earth Sciences
 MCPHERSON, RONALD V., Comanche, Mathematics
 MEYER, PAUL A., San Antonio, Economics
 MILLING, MARCUS E., Galveston, Earth Sciences
 MOORE, ALLEN M., Austin, General Biology
 PALMER, RICHARD A., Austin, Chemistry
 ROBINSON, JOHN K., Houston, Chemistry
 RUSSELL, THOMAS W., Kingsville, Chemistry
 SCHMALSTIEG, FRANK C., Sinton, Chemistry
 SHARP, MARJORIE S., Fort Worth, Microbiology
 SHORT, THOMAS E., Jr., Port Arthur, Engineering
 STEELMAN, JAMES E., Plainview, Engineering
 STOUT, CHARLES L., Waco, Zoology
 TRAVIS, JOHN C., Waco, Physics
 TYLER, JOHN R., Nacogdoches, Economics

WANTLAND, KENNETH F., Houston, Earth Sciences
WIFF, DONALD R., College Station, Physics
WILLIAMS, BEET B., Farwell, Engineering
WILLIS, JAMES F., Dallas, Economics
WILSON, WAYNE J., Dallas, Psychology
WISCAMB, MARGARET R., Euless, Mathematics
WUNTCH, THOMAS, Dallas, Genetics
YAGER, PHYLLIS A., Nevada, Zoology

Postdoctoral

GOGGIN, JUDITH P., El Paso, Psychology
HEATHCOCK, CLAYTON H., San Antonio, Chemistry
HIGHTOWER, JOE W., Weslaco, Chemistry
KOENIG, THOMAS W., Dallas, Chemistry
YOUNG, DAVID LIVINGSTON, Dallas, Biochemistry

Senior Postdoctoral

CARMAN, MAX F., Jr., Houston, Earth Sciences
HOOD, DONALD W., College Station, Earth Sciences

Science Faculty

ASHBY, EBERT A., Canyon, Physiology
CARRY, LARROY R., Bonham, Mathematics
DAVIS, THOMAS F., Houston, Mathematics
DOUGLAS, SAMUEL H., College Station, Mathematics
FETZER, HOMER D., Belton, Physics
HUFFMAN, LOUIS C., Wichita Falls, Mathematics
JONES, JERREL B., College Station, Engineering
KIESLING, ERNST W., Lubbock, Engineering
MARTINEZ EUGENE P., Beaumont, Engineering
PIERCE, KENNETH R., College Station, General Sciences
SALANI, HAROLD J., Houston, Engineering
STARK, JEREMIAH M., Beaumont, Mathematics
WAGNER, NORMAN K., Austin, Meteorology

Summer Fellowships for Secondary School Teachers

ALEXANDER, CLYDE W., Houston, Mathematics
BARKETT, JEANETTE, Tyler, Mathematics
CHIGAR, REVEREND DONALD M., Houston, Microbiology
CONNORS, SR. TERRESA, J., San Antonio, Mathematics
COWGILL, TOMMY D., Dallas, Mathematics
CRUSE, KEITH L., San Antonio, Mathematics
HERNANDEZ, NORMA G., El Paso, Mathematics
LOPEZ, FRANK, Eagle Pass, Physics
MCGRAW, JOE B., Jr., White Oak, Mathematics
OWENS, KENNETH R., Dallas, Mathematics
RENFROE, FRANCIS F., Rochelle, Mathematics
SCHILHAUB, ELGIN, J., Austin, Mathematics
SEGO, JAMES T., Jr., Rochester, General Science
STOKES, SAM B., Corpus Christi, Zoology
THOMPSON, GERALD L., Petersburg, Botany
WATKINS, TERRY A., Cross Plains, Mathematics
WORSHAM, JAMES R., Avalon, Zoology

UTAH

Graduate

ANDERSON, NEAL W., Salt Lake City, Botany
BUNDERSON, CHARLES V., Ogden, Psychology
CHASE, KENNETH W., Provo, Engineering

DORNY, CARL N., Provo, Engineering
GALE, NORD L., Provo, Microbiology
GRANT, SHELDON K., New Harmony, Earth Sciences
HATLEY, ELBERT T., Salt Lake City, Engineering
JENSON, EVAN D., Brigham City, Chemistry
MCCONKIE, GEORGE W., St. George, Psychology
MURPHY, CAROL J., Logan, Anthropology
SWONSON, JOHN C., Jr., Salt Lake City, Engineering
WARNER, CHARLES Y., Provo, Engineering
WOODBURY, ELROD T., Monroe, Engineering
WOODWARD, JOHN L., Provo, Engineering

Cooperative Graduate

GUYMON, ERVIN P., Blanding, Chemistry
HALL, EDNA, J., Salt Lake City, Physics
JONES, MERRELL R., Cedar City, Physics
LARSON, MICHAEL O., Salt Lake City, Physics
MATHER, JANET L., Salt Lake City, Physics
MILLER, RICHARD R., Salt Lake City, Chemistry
MINER, ELLIS D., Provo, Physics
MORRIS, MARVIN L., Salt Lake City, Physics
PARKER, JACK L., Springville, Physics
ROBINS, MORRIS J., Scipio, Chemistry
SCHRIEVER, RICHARD L., Salt Lake City, Engineering
SENIOR, EDWIN W., Salt Lake City, Engineering
TURNER, DIETER R., Salt Lake City, Physics
WORTLON, THOMAS G., Layton, Physics

Graduate Teaching Assistant

ANDERSON, LYNN R., Vernal, Psychology
BENTLEY, ANTHONY I., Jr., Provo, Sociology
CHAPPELL, GILFORD A., Salt Lake City, Chemistry
HOFF, SUSAN D., Salt Lake City, Chemistry
HUNSAKER, WORTHEN N., Logan, Mathematics
IRWIN, RONALD L., Salt Lake City, Mathematics
JENSEN, GARY L., Provo, Zoology
LARSON, MICHAEL O., Salt Lake City, Physics
LOVELAND, LOWELL D., Salt Lake City, Mathematics
MATHERSON, AUDRIA, Provo, Microbiology
MILES, DANIEL W., Saint George, Chemistry
MILTON, ERNEST H., Jr., Salt Lake City, Mathematics
MORRIS, MARVIN L., Salt Lake City, Physics
PETERSON, GERALD E., Salt Lake City, Mathematics
WOOD, LAWRENCE C., Salt Lake City, Earth Sciences

Postdoctoral

GRAFF, DARRELL J., St. George, Zoology
KRAUTHAMER, SIGMOND, Salt Lake City, Economics
NIELSEN, HARRY S., Jr., Ferron, Botany

Science Faculty

HEYBORNE, ROBERT L., Logan, Engineering
HOLDREDGE, RUSSELL M., Logan, Engineering
SNOW, RICHARD L., Provo, Mathematics
STANLEY, MELISSA S., Salt Lake City, Biology
UNDERWOOD, ERNEST E., Logan, Mathematics

Summer Fellowships for Secondary School Teachers

FREEMAN, LEE W., Salt Lake City, Biology
KLEINHANS, SR. M. IRENE, Salt Lake City, Biology

VAUGHAN, SR. M. THOMASITA, Salt Lake City, Biology

VERMONT

Graduate

BALLARD, DAVID J., Cambridge, Mathematics
COLE, STEPHEN A., Jamaica, History and Philosophy of Science
DREW, DAVID C., Lyndonville, Physics
ELDRIDGE, DOROTHY M., Springfield, Botany
WRIGHT, ROBERT K., Castleton, Mathematics

Cooperative Graduate

BUSS, DENNIS D., Rochester, Engineering
DIVINE, THEODORE N., Dorset, Astronomy
RWILLY, LOBRAINE F., Rutland, Microbiology

Graduate Teaching Assistant

POTTER, NOEL, JR., Rutland, Earth Sciences

Postdoctoral

SCHEANS, DANIEL J., Burlington, Anthropology

Science Faculty

FOLINAS, SR. MARY D., Burlington, Physiology
KREIDER, DONALD L., Hanover, Mathematics

VIRGINIA

Graduate

BLANDFORD, ROBERT R., Falls Church, Oceanography
BRACEY, GERALD W., Williamsburg, Psychology
BROLIN, EDSON C., Alexandria, Engineering
COCKE, CHARLES L., JR., Roanoke, Physics
COE, ROBERT S., Arlington, Earth Sciences
COOK, GERALD, Galax, Engineering
DUNN, FLOYD E., Falls Church, Physics
FAIRLEY, WILLIAM B., Afton, Economics
FOSTER, TED M., Lynchburg, Engineering
GAFFNEY, GEORGE W., Norfolk, Physics
GARRICK, LINDA S., Hampton, Biochemistry
HILL, CHARLES W., Danville, Biochemistry
KAISER, JOHN E., JR., Newport News, Engineering
KAUFFMAN, GLENN M., Mount Crawford, Chemistry
KEENER, CARL S., Harrisonburg, Botany
LANDSTREET, JOHN D., Fairfax, Physics
LOSEE, DAVID L., Arlington, Physics
MILLER, PHILIP C., Falls Church, Biology
NEWMAN, ROBERT C., Arlington, Physics
SEAKER, RICHARD J., Arlington, Mathematics
SMITH, ROBERT S., Arlington, Engineering
STEPHENS, MO M., Arlington, Biochemistry
ULLOM, STEPHEN V., Alexandria, Mathematics
WHITEHEAD, HARRIET, Chatham, Anthropology

Cooperative Graduate

ALLEN, NANCY L., Falls Church, Genetics
ALLISON, WILLIAM D., Hampton, Engineering
ATKINSON, WALTER E., II, Charlottesville, Physics
BECKENDORFF, DAVID L., Cambridge, Mathematics

BOYD, RICHARD N., Arlington, Social Sciences
BRYANT, HERMAN G., JR., Charlottesville, Chemistry
CRAWFORD, CHARLES D., Charlottesville, Engineering
CREAGER, JOAN G., Arlington, Zoology
DERBY, JAMES R., Blacksburg, Earth Sciences
EVANS, JAMES E., Arlington, Engineering
FLORA, ROBERT M., Richmond, Biochemistry
GROSSNICKLE, WILLIAM F., Arlington, Psychology
LETCHER, JOHN S., Lexington, Engineering
MOHN, WILLIAM S., JR., Richmond, Engineering
PEARSON, ROY L., Farmville, Economics
PRATT, ROBERT E., Charlottesville, Chemistry
RHODES, EDGAR A., Clifton Forge, Physics
ROWAN, LAWRENCE C., Charlottesville, Earth Sciences
SALMON, LYDIA S., Williamsburg, Chemistry
SALMON, WILLIAM I., Williamsburg, Chemistry
WILLIAMS, HARRY T., JR., Newport News, Physics

Graduate Teaching Assistant

BECK, JEAN L., Norfolk, Chemistry
CHARLTON, MARY V., Dillwyn, Botany
HUNT, LOIS T., Hopewell, Zoology
KEENER, RONALD L., Fort Belvoir, Chemistry
KIERSTAD, ROGER C., Vienna, Chemistry
MOORE, DONALD P., Blacksburg, Earth Sciences
OLTON, ROBERT M., JR., Richmond, Psychology
PAYNE, JOSEPH G., Madison, Engineering
ROWAN, LAWRENCE C., Charlottesville, Earth Sciences
VAUGHAN, LAWRENCE G., Arlington, Chemistry

Postdoctoral

DRUM, CHARLES M., Richmond, Physics

Senior Postdoctoral

SCHATE, PAUL N., Charlottesville, Chemistry

Science Faculty

DAWLEY, ELEANOR G., Hampton, Mathematics
DEDRICK, ROBERT L., McLean, Engineering
IACHETTA, FULVIO A., Charlottesville, Engineering
KENT, GEORGE W., Bridgewater, Psychology
KERNELL, ROBERT L., Williamsburg, Physics

Summer Fellowships for Secondary School Teachers

BAKER, MELVIN C., New Market, Mathematics
HAACK, LOUISE B., Arlington, Mathematics
HAUSER, SR. ANN JOSEPH, Alexandria, Mathematics
MCCULLOUGH, JAMES M., Arlington, Botany
ROBERSON, WILLIAM C., Staunton, Mathematics

WASHINGTON

Graduate

BEATTY, DAVID D., Blaine, Physiology
BEAULIEU, THOMAS J., Richland, Physics
BOSSERT, JOHN M., Seattle, Mathematics
BRACKEN, THOMAS D., Seattle, Physics
BRADEN, CHARLES B., Pullman, Mathematics
CALDER, WILLIAM A., JR., Pullman, Physiology

CARLETON, CANDACE W., Mercer Island, Anthropology
 CURTIS, ROBERT O., Fall City, Agriculture
 DENREL, GEORGE E., Seattle, Mathematics
 DORR, FRED H., Seattle, Chemistry
 EKSTROM, PHILIP A., Walla Walla, Physics
 FERGUSON, DAVID E., Seattle, Mathematics
 GRUBER, WILLIAM P., Seattle, Engineering
 HARTILL, DONALD L., Chewelah, Physics
 HOPCROFT, JOHN E., Seattle, Engineering
 JACOBSON, ERIC S., Vancouver, Biochemistry
 JOHNSON, WALTER C., Jr., Seattle, Chemistry
 KLEIN, GERALD W., Seattle, Chemistry
 LECKENBY, DONAVIN A., Olympia, Zoology
 PETERSON, EARL A., Sumner, Physics
 POOL, KARL H., Seattle, Chemistry
 RUSTAD, DOUGLAS S., Poulsbo, Chemistry
 SANDSTROM, DONALD R., Bellevue, Physics
 SCHREIBER, BERT M., Seattle, Mathematics
 SMITH, CHRISTOPHER C., Seattle, Biology
 STEIN, DONNA K., Longview, Psychology
 SWANSON, DONALD A., Centralia, Earth Sciences
 TAYLOR, CARL E., Okanogan, Mathematics
 WILSON, JAMES D., Seattle, Chemistry
 WRIGHT, WAYNE M., Tacoma, Chemistry

Cooperative Graduate

AAGAARD, KNUT, Seattle, Oceanography
 BLICK, KATHARINE I., Seattle, Psychology
 BURTON, THEODORE A., Onalaska, Mathematics
 CALLIS, PATRIK R., Seattle, Chemistry
 DEMETER, FRANK R., Seattle, Mathematics
 EAKIN, RICHARD R., Pullman, Mathematics
 EBLIN, JAMES B., Pullman, Botany
 ELLIOTT, JAMES E., Sedro Woolley, Earth Sciences
 FISBT, EDMUND O., Seattle, Physics
 FOSTER, HERBERT R., Jr., Seattle, Engineering
 FRYXELL, RONALD C., Pullman, Mathematics
 HILL, MATTHEW H., Olympia, Anthropology
 KUENZL, WILBUR D., Seattle, Earth Sciences
 LOVELAND, WALTER D., Seattle, Chemistry
 MAIMON, ALBERT S., Seattle, Mathematics
 MARTIN, MICHAEL S., Seattle, Mathematics
 MARTIN, TIMOTHY W., Kent, Engineering
 MILLER, ALEX. E., Seattle, Chemistry
 MORTON, MARTIN L., Pullman, Physiology
 PARISEAU, WILLIAM G., Ellensburg, Engineering
 PEMERL, ST. M. JOHANNA, Edmonds, Zoology
 PETCOFF, DARRELL G., Yakima, Chemistry
 PETERSON, ROY J., Seattle, Physics
 SPIGER, ROBERT J., Seattle, Physics
 TOUGH, JAMES T., Seattle, Physics
 WARREN, WILLIAM W., Jr., Seattle, Physics

Graduate Teaching Assistant

ALLENOERFER, ROBERT D., Seattle, Chemistry
 BAILEY, DONALD J., Pasco, Engineering
 CALVIN, CLYDE L., Toledo, Botany
 CHARRON, LORETTA A., Pullman, Microbiology
 COOMBS, ROBERT H., Pullman, Sociology
 DAUGHERTY, KENNETH E., Seattle, Chemistry
 GUNN, DONALD W., Pullman, Earth Sciences
 HEID, WILLIAM H., Seattle, Psychology
 HODGES, JOHN D., Seattle, Agriculture
 HORDEMANN, GARY J., Spokane, Engineering
 JOHNSON, WALTER C., Jr., Seattle, Chemistry
 MARICICH, TOM J., Anacortes, Chemistry
 MEANY, JOHN E., Seattle, Chemistry
 MILLER, ALEX E., Seattle, Chemistry
 MURPHY, BARRY T., Seattle, Chemistry

PARISEAU, MARIAN A., Kelso, Chemistry
 PEDERSON, DENNIS M., Tacoma, Biochemistry
 RIETMAN, JAN D., Seattle, Earth Sciences
 ROTHENBERG, STEPHEN, Seattle, Chemistry
 SENSE, WILLIAM S., Pullman, Chemistry
 STEVENS, KENNETH D., Seattle, Chemistry
 THIEDE, ROGER L., Seattle, Geography
 WOLLNER, THOMAS E., Pullman, Chemistry

Postdoctoral

ARMSTRONG, RICHARD L., Seattle, Earth Sciences
 PARISEAU, MARIAN A., Kelso, Chemistry
 RICHARDSON, ROGER W., Jr., Seattle, Mathematics
 SEGAL, JACK, Seattle, Mathematics
 WEISS, MAX L., Seattle, Mathematics

Senior Postdoctoral

HARTZ, BILLY J., Seattle, Engineering
 SCHMIDT, FRED H., Seattle, Physics

Science Faculty

BENNETT, ROBERT B., Walla Walla, Physics
 BRUN, ROBERT F., Pullman, Engineering
 BUCKRIDGE, TERRY N., Everett, Botany
 CHANG, CHU C., Seattle, Mathematics
 GAGE, BYRON P., Seattle, Engineering
 HALLEEN, ROBERT M., Pullman, Engineering
 KERLEE, DONALD D., Seattle, Physics
 SEAMANS, DAVID A., Pullman, Engineering
 SELKER, ALAN H., Seattle, Engineering

Summer Fellowships for Secondary School Teachers

KNOLL, DAVID G., Snoqualmie, Biochemistry
 LOMAX, BERNICE V., Seattle, Biology
 NIEMIEC, DAVID F., Seattle, Mathematics
 TUSCHER, MELVIN F., Seattle, Mathematics
 YOST, NICHOLAS K., Tacoma, General Science

WEST VIRGINIA

Graduate

ARMSTRONG, DONALD J., Elm Grove, Botany
 BILLHEIMER, JOHN W., Huntington, Engineering
 BIRD, NANCY L., St. Albans, Zoology
 DAVIES, CAROLYN M., Huntington, Psychology
 DETCH, JOHN L., Jr., Lewisburg, Physics
 FOURNEY, WILLIAM L., Blue Jay, Engineering
 FRIEDLY, JOHN C., Jr., Moundsville, Engineering
 HOLT, R. BYRNE, Charleston, Chemistry
 JARRETT, EUGENE L., St. Albans, Engineering
 MARCUM, HOWARD B., St. Albans, Psychology
 MILLER, MICKY D., Romney, Psychology
 SWIGER, ELIZABETH D., Fairmont, Chemistry

Cooperative Graduate

CALDWELL, RICHARD A., Huntington, Chemistry
 CAMPBELL, LAURENCE J., Huntington, Physics
 GROVES, JOEL L., Canvas, Physics
 HEADLEY, LARRY C., Morgantown, Physics
 MATHWS, ROBERT C., Charleston, Physics
 WEIMER, ROBERT F., Wheeling, Engineering

Senior Postdoctoral

CABELL, THOMAS R., Institute, Chemistry
 CASTRO, WALTER E., Clemson, Engineering
 PLYBON, BENJAMIN F., Huntington, Mathematics

Graduate Teaching Assistant

BURLITCH, JAMES M., Wheeling, Chemistry
CASTELLI, MARYROSE, Logan, Botany
NUNLEY, ROBERT G., Morgantown, Botany

WISCONSIN

Graduate

ADAMS, ARTHUR C., Madison, Chemistry
ANDERSON, JEROME E., Hammond, Chemistry
ANSORGE, JANET M., Gillett, Anthropology
BARCALOW, MARTHA A., Mequon, Chemistry
BECKER, GEORGE C., Jr., Stevens Point, Zoology
BECKER, WAYNE M., Merton, Biochemistry
BRUENING, GEORGE E., Madison, Biochemistry
BURTON, EARL G., Knapp, Biochemistry
CARRHART, RICHARD A., Madison, Physics
DAUB, EDWARD E., Milwaukee, History and Philosophy of Science
DOEDENS, ROBERT J., New Glarus, Chemistry
DONHOWE, JOHN M., Madison, Physics
EBERT, PAUL M., Watertown, Engineering
ELA, STEPHEN W., Madison, Chemistry
ELIAS, JOHN E., New Berlin, Physics
EMLEN, STEPHEN T., Madison, Zoology
FROELICH, WALTER J., Milwaukee, Physics
GLASER, LESLIE C., Madison, Mathematics
HAMMES, RICHARD R., Madison, Earth Science
HAWKINS, THOMAS W., Jr., Madison, History and Philosophy of Science
HENDERSON, DAVID W., Madison, Mathematics
HEYWOOD, JOHN G., Hudson, Mathematics
HULBERT, DAVID A., Reedsburg, Engineering
HULS, THOMAS A., Stanley, Engineering
INGRAHAM, EDWARD C., Madison, Mathematics
JASPERSON, STEPHEN N., Wisconsin Rapids, Physics
KARON, JOHN M., Milwaukee, Mathematics
KAUFMAN, RONALD, Milwaukee, Psychology
KRESS, LAWRENCE F., Milwaukee, Physiology
LUTTRELL, ERIC M., Eau Claire, Earth Science
MEYER, RALPH R., Milwaukee, Zoology
MUELLER, DENNIS C., Milwaukee, Economics
MYSEWSKI, MICHAEL E., Whitewater, Genetics
OSTRIKER, JEREMIAH P., Madison, Astronomy
PETROF, ROBERT C., Beloit, Engineering
POSSIN, GEORGE E., Burnett, Physics
PRICE, THOMAS M., Madison, Mathematics
ROBINSON, STEPHEN M., Madison, Mathematics
ROLKE, ROGER W., Sun Prairie, Engineering
RUTHERFORD, REGINALD, Madison, Physics
SMITH, DENNIS E., Madison, Mathematics
WILLARSON, JON B., Madison, History and Philosophy of Science
WOLLER, BARBARA A., Hamburg, Zoology
WOOD, HERBERT T., Madison, Chemistry
WORKMAN, WILLIAM B., Madison, Anthropology
WYNGAARD, JOHN C., Madison, Engineering

Cooperative Graduate

ASPNES, DAVID E., DeForest, Physics
BIELEFELD, MICHAEL J., Milwaukee, Chemistry
CADMAN, RICHARD V., Evansville, Engineering

CHRISTENSEN, JAMES H., Waupaca, Engineering
GUSTAFSON, GERALD J., Eau Claire, Physics
HINTZ, HAROLD L., Appleton, Chemistry
HOWLETT, GEORGE F., Jr., Green Bay, Botany
KANNENBERG, DANIEL G., Milwaukee, Physics
LAYLAND, JAMES W., La Crosse, Engineering
MANTIK, DAVID W., Gleason, Physics
MOLANDER, ROGER C. Marinette, Engineering
NYBAKKEN, BETTE H., Madison, General Biology
NYBAKKEN, JAMES W., Madison, General Biology
OKSENBERG, LOIS E. C., Madison, Psychology
SCRIBNER, JOHN D., Appleton, Biochemistry
SPIEGELBERG, HARRY L., Appleton, Chemistry
WAGNER, CURTIS A., Monroe, Physics
WENDLAND, DANIEL W., Madison, Engineering
WILLIAMS, MICHAEL C., Madison, Engineering
WILLSON, MARY F., Baraboo, General Biology

Graduate Teaching Assistant

ANDERSON, RAYMOND P., Madison, Chemistry
BROOKS, SUSAN C., Milwaukee, Physiology
ERICKSON, CLIFFORD W., Madison, Physics
FATZINGER, DALE R., Platteville, Geography
FERGUSON, ARTHUR C., Madison, Chemistry
FREY, FREDERICK A., Wauwatosa, Chemistry
GUSTAFSON, GERALD J., Eau Claire, Physics
HETZEL, ARLENE F., Milwaukee, Chemistry
HUPPLER, JOHN D., Neenah, Engineering
KIECKHEFER, BARBARA J., Milwaukee, General Biology
LONNGREN, KARL E., Milwaukee, Engineering
MINORE, DON, Minong, Botany
PETRAS, JOHN W., Barksdale, Sociology
REAM, CATHERINE H., Madison, General Biology
SETHER, LOWELL A., Iola, Zoology
STEPHENS, RALPH I., Madison, Engineering
STUEWER, ROGER H., Bonduel, Physics
UNDERBRINK, CHARLES D., Spring Green, Chemistry
UTTORMARK, PAUL D., Marlon, Engineering
WIEGNER, EDWARD A., Madison, Economics
WIENS, JOHN A., Madison, General Biology
WITEBROE, GEORGE L., Green Bay, Astronomy
WOOD, HERBERT T., Madison, Chemistry
WOPSCHALL, ROBERT H., Madison, Chemistry
WRIGLEY, VICTOR K., Brookfield, Physics

Science Faculty

BENDER, PHILLIP R., Milwaukee, Mathematics
GRENNAN, LAURIE M., Milwaukee, Chemistry
LIVERMORE, DONALD F., Madison, Engineering
NEWCOMB, ELDON H., Madison, Biology
OVERBY, CHARLES M., Madison, General Science
PEJSA, ARTHUR J., Milwaukee, Mathematics
STORLIE, JOHN C., La Crosse, Chemistry
VEERKAMP, NORBERT B., Madison, Engineering

Postdoctoral

MACURDA, DONALD B., Jr., Madison, Earth Sciences
ROESLER, FREDERICK L., Wauwatosa, Physics

Senior Postdoctoral

CURTIS, CHARLES W., Madison, Mathematics
ROSEN, WALTER G., Milwaukee, Biochemistry

Summer Fellowships for Secondary School Teachers

CASE, ELON E., Antigo, Biology
FRANZ, CLARK E., Wauwatosa, Botany
HANSKNECHT, SR. LIBORIS, Milwaukee, Mathematics
MCKOWN, DWAIN S., Madison, Mathematics
NELSON, ROBERT A., Chippewa Falls, Mathematics
NESS, HAROLD M., Jr., Kohler, Mathematics
TREBatoski, SR. GABRIEL, Stevens Port, Biology

WYOMING

Graduate

DINNEEN, JOHN G., Laramie, Mathematics
GILBERT, JOHN C., Laramie, Chemistry

NORTEN, PHILIP T., Laramie, Zoology
ROSSI, CHARLES E., Gillette, Physics

Cooperative Graduate

CONLEY, CURTIS D., Laramie, Earth Sciences
FERRIS, CLINTON S., Jr., Laramie, Earth Sciences

Graduate Teaching Assistant

CALL, MAYO W., Laramie, General Biology
DAVIS, JAMES RAYMOND, Laramie, Earth Sciences
JOZWIK, FRANCIS X., Casper, Botany
STRAIN, BOYD R., Newcastle, Botany
WELLS, VICTOR A., Laramie, Engineering
WOLF, KENNETH G., Gillette, Engineering
WORL, RONALD G., Pinedale, Earth Sciences

Science Faculty

BURMAN, ROBERT D., Laramie, Engineering
HOYT, PHILIP M., Laramie, Engineering
VARINEAU, VERNE J., Laramie, Mathematics

Institutions Chosen by Fellowship Awardees—Fiscal Year 1963

[Key to table: A, Graduate; B, Cooperative Graduate; C, Summer Fellowships for Graduate Teaching Assistants; D, Postdoctoral; E, Senior Postdoctoral; F, Science Faculty; G, Summer Fellowships for Secondary School Teachers; and H, Senior Foreign Scientists.]

State and institution	A	B	C	D	E	F	G	H	Total
ALABAMA:									
Auburn University.....	1	3	4			1			9
University of Alabama.....		1	4						5
Sub-total.....	1	4	8			1			14
ALASKA:									
University of Alaska.....			1						1
Sub-total.....			1						1
ARIZONA:									
Arizona State University.....		2	3			1	1		7
University of Arizona.....	5	6	6			2	3	1	23
Sub-total.....	5	8	9			3	4	1	30
ARKANSAS:									
University of Arkansas.....		3					2		5
Sub-total.....		3					2		5
CALIFORNIA:									
California Institute of Technology.....	96	20	18	8		4		1	147
California State College at Hayward.....							2		2
Center for Advanced Study in the Behavioral Sciences.....				1	1				2
Claremont Graduate School.....		4							4
Fresno State College.....							1		1
Loma Linda University.....		1							1
Long Beach State College.....							1		1
San Diego State College.....							2		2
San Jose State College.....							1		1
Stanford University.....	151	48	37	8	3	23	3	1	274
University of California:									
Berkeley.....	199	60	18	14	2	19	2	1	315
Davis.....	2	2	3			2		1	10
San Diego.....	6	9		1					16
Los Angeles.....	20	17	16	3	4	3	2	1	66
Riverside.....	2	6	3			1			12
San Francisco.....			1						1
Santa Barbara.....		3	2						5
University of Southern California.....	3	13	4			2	7	1	30
University of the Pacific.....		3	2			1	1		7
Sub-total.....	479	186	104	35	10	55	22	6	897

Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—Continued

State and Institution	A	B	C	D	E	F	G	H	Total
COLORADO:									
Colorado School of Mines.....	1		2						3
Colorado State College.....							1		1
Colorado State University.....	3		3			1	1		11
University of Colorado.....	10	7	10	2		7	10	1	47
University of Denver.....	1	1				1	1		4
Sub-total.....	15	11	15	2		9	13	1	66
CONNECTICUT:									
Connecticut College.....						1			1
University of Connecticut.....		6	7			3		1	17
Wesleyan University.....							2		2
Yale University.....	66	13	13	3		4	1		100
Sub-total.....	66	19	20	3		8	3	1	120
DELAWARE:									
University of Delaware.....		6	3				1	1	11
Sub-total.....		6	3				1	1	11
DISTRICT OF COLUMBIA:									
The American University.....			1						1
The Catholic University of America.....	3	9	3			3	4		22
The George Washington University.....		4	3				1	1	9
Georgetown University.....	1	4							5
Smithsonian Institution.....				1					1
U.S. Department of Defense.....						1			1
U.S. Department of Health, Education, and Welfare.....						2			2
Sub-total.....	4	17	7	1		6	5	1	41
FLORIDA:									
Florida State University.....	8	8	7			1	2	1	27
University of Florida.....	2	9	9	1		1	2	1	25
University of Miami.....	1	7	3			1	2		14
Sub-total.....	11	24	19	1		3	6	2	66
GEORGIA:									
Atlanta University.....							1		1
Emory University.....	2	2	3			1			8
Georgia Institute of Technology.....		8	8	1		2			19
University of Georgia.....	1	5	3			2	1		12
Sub-total.....	3	15	14	1		5	2		40
HAWAII:									
University of Hawai.....		1	3			1			5
Sub-total.....		1	3			1			5
IDAHO:									
University of Idaho.....		1	3						4
Sub-total.....		1	3						4
ILLINOIS:									
Illinois Institute of Technology.....		6	5				1		12
Loyola University.....		1							1
Northern Illinois University.....							2		2
Northwestern University.....	21	10	11			7	4	1	54
Southern Illinois University.....	1	5	4				1		11
University of Chicago.....	72	19	6	3		4	3	1	108
University of Illinois.....	48	55	27	2		4	3	1	140
Western Illinois University.....							1		1
Sub-total.....	142	96	53	5		15	15	3	329
INDIANA:									
Indiana University.....	10	11	7	3	1	2	3	1	38
Purdue University.....	21	28	12			9	5	1	76
University of Notre Dame.....	7	6	5				7	1	26
Sub-total.....	38	45	24	3	1	11	15	3	140

Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—Continued

State and institution	A	B	C	D	E	F	G	H	Total
IOWA:									
Iowa State University of Science and Technology.....	10	10	11			9	2		42
State College of Iowa.....							1		1
University of Iowa.....	2	9	10			5	1		27
Sub-total.....	12	19	21			14	4		70
KANSAS:									
Kansas State Teachers College.....	1								1
Kansas State University of Agriculture and Applied Science.....	4	7	4			2	1	1	19
University of Kansas.....	6	7	5		1	1	1		21
Sub-total.....	11	14	9		1	3	2	1	41
KENTUCKY:									
University of Kentucky.....		6	3				1	1	11
University of Louisville.....		2	2			1			5
Sub-total.....		8	5			1	1	1	16
LOUISIANA:									
Louisiana State University and Agricultural and Mechanical College.....	1	7	4				3	1	16
Tulane University of Louisiana.....	3	6	3			3			15
University of Southwestern Louisiana.....							2		2
Sub-total.....	4	13	7			3	5	1	33
MAINE:									
Roscoe B. Jackson Memorial Laboratory.....					1				1
University of Maine.....		1							1
Sub-total.....		1			1				2
MARYLAND:									
Johns Hopkins University.....	23	13	3	1				1	41
University of Maryland.....	4	10	8			1	5	1	29
Sub-total.....	27	23	11	1		1	5	2	70
MASSACHUSETTS:									
Boston College.....		1							1
Boston University.....	1	5	5			1		1	13
Brandeis University.....	10	6	3	1		1			21
Clark University.....		1	3						4
Harvard University.....	227	20	12	11	2	4	1		277
Marine Biological Laboratory.....						2	1		3
Massachusetts Institute of Technology.....	198	63	22	5	1	8	1	1	299
Northeastern University.....	1	3					1		5
Smith College.....			2						2
Tufts University.....		1							1
University of Massachusetts.....	3	3	3				1		10
Woods Hole Oceanographic Institution.....				2			1		3
Worcester Polytechnic Institute.....		1				1			2
Sub-total.....	440	104	50	19	3	17	6	2	641
MICHIGAN:									
Michigan State University of Agriculture and Applied Science.....	7	17	15			10	3	1	53
University of Detroit.....							1		1
University of Michigan.....	47	34	18	3		3	7	1	113
Wayne State University.....	1	6	13					1	21
Western Michigan University.....							6		6
Sub-total.....	55	57	46	3		13	17	3	194
MINNESOTA:									
St. Mary's College.....							2		2
University of Minnesota.....	20	45	38	2		5	6	1	117
Sub-total.....	20	45	38	2		5	8	1	119
MISSISSIPPI:									
Mississippi State University.....		2	4			1			7
University of Mississippi.....		3	2				5		10
Sub-total.....		5	6			1	5		17

Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—Continued

State and institution	A	B	C	D	E	F	G	H	Total
MISSOURI:									
Central Missouri State College.....							3		3
Missouri School of Mines and Metallurgy.....	1						1		2
St. Louis University.....		2	3			1	4		10
University of Missouri.....		9	14			1	2		26
Washington University.....	3	11	23	1		3	2		43
Sub-total.....	4	22	40	1		5	12		84
MONTANA:									
Montana State College.....	1	1							2
Montana State University.....		4	4				1		9
Sub-total.....	1	5	4				1		11
NEBRASKA:									
Creighton University.....							2		2
University of Nebraska.....	1	4	3	1		2			11
Sub-total.....	1	4	3	1		2	2		13
NEVADA:									
University of Nevada.....		3	2						5
Sub-total.....		3	2						5
NEW HAMPSHIRE:									
Dartmouth College.....		7	5						12
University of New Hampshire.....		1					1		2
Sub-total.....		8	5				1		14
NEW JERSEY:									
The Institute for Advanced Study.....				7	3				10
Montclair State College.....							1		1
Newark College of Engineering.....		2	4						6
Princeton University.....	133	13	18	5	1			1	171
Rutgers, The State University.....	2	9	4						16
Stevens Institute of Technology.....	6	4	4					1	14
Sub-total.....	141	28	30	12	4		1	2	218
NEW MEXICO:									
New Mexico Highlands University.....		1		1			2		4
New Mexico State University.....		8	3			1	2		14
University of New Mexico.....	1	2	3	1					7
Sub-total.....	1	11	6	2		1	4		25
NEW YORK:									
Adelphi College.....		1					1	3	5
American Museum of Natural History.....				2					2
Brookhaven National Laboratory.....					1				1
City College of New York.....							1		1
City University of New York.....		1	3						4
Clarkson College of Technology.....		1	7						8
Columbia University.....	55	32	18	5		3		1	114
Cornell University.....	43	25	6	3		8	4		89
Fordham University.....		2	2			1	5		10
Long Island University.....							1		1
New School for Social Research.....		2							2
New York University.....	20	40	9	3		6	2		80
Polytechnic Institute of Brooklyn.....	2	10	2				2		16
Public Health Research Institute of the City of New York.....				2					2
Rensselaer Polytechnic Institute.....	3	11	6			1	1	1	23
Rockefeller Institute.....		1	1	1	1				4
St. Bonaventure University.....		2					3		5
St. Johns University.....	1						1		2
State University College at Albany.....									1
State University College of Forestry at Syracuse.....		5	1			1			7
State University of New York at Buffalo.....	1	3	3	1		1			9
Syracuse University.....	5	6	7			3			21
Teachers College of Columbia University.....							2		2
University of Rochester.....	4	13	3			2			22
Yeshiva University.....	1	6		1					8
Sub-total.....	135	161	68	18	2	27	27	2	440

Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—Continued

State and institution	A	B	C	D	E	F	G	H	Total
NORTH CAROLINA:									
Appalachian State Teachers College.....							1		1
Duke University.....	9	6	2	2					21
State College of Agriculture and Engineering.....	3	8	5			4		1	21
University of North Carolina.....	7	6	9			1		1	24
Sub-total.....	19	20	16	2		6	1	3	67
NORTH DAKOTA:									
North Dakota State University.....	1	3	5						9
University of North Dakota.....		6	3				1		10
Sub-total.....	1	9	8				1		19
OHIO:									
Case Institute of Technology.....	1	6	3			2			12
Kent State University.....			3				2		5
Ohio State University.....	10	27	9				4		57
Ohio University.....		1	3			6		1	4
University of Akron.....		2	2						4
University of Cincinnati.....	2	6	9				1		22
University of Toledo.....						4	1		1
Western Reserve University.....	5	6	3				2		16
Xavier University.....							2		2
Sub-total.....	18	48	32			12	12	1	128
OKLAHOMA:									
Oklahoma State University of Agriculture and Applied Science.....	1	7	6			11	3	1	29
University of Oklahoma.....	4	7	9			1	8	1	30
Sub-total.....	5	14	15			12	11	2	59
OREGON:									
Oregon State University.....	3	8	4			3	3		21
University of Oregon.....	5	6	3			1	3		18
Sub-total.....	8	14	7			4	6		39
PENNSYLVANIA:									
Bryn Mawr College.....	1	4	2						7
Carnegie Institute of Technology.....	8	15	8			1	1		33
Hahnemann Medical College and Hospital.....			3						3
Lehigh University.....	6	6	2			2	1	1	18
The Pennsylvania State University.....	10	16	8			7	9	1	51
Philadelphia College of Pharmacy and Science.....			1						1
Temple University.....		2				1	1		4
University of Pennsylvania.....	18	12	2	3		1	3	1	40
University of Pittsburgh.....	1	16	13			3		1	34
Villanova University.....							2		2
Sub-total.....	44	71	39	3		15	17	4	193
RHODE ISLAND:									
Brown University.....	11	6	4		1	2	5	1	30
University of Rhode Island.....			3				1		4
Sub-total.....	11	6	7		1	2	6	1	34
SOUTH CAROLINA:									
Clemson College.....		1	3						4
University of South Carolina.....	1	4	3				1		9
Sub-total.....	1	5	6				1		13
SOUTH DAKOTA:									
South Dakota State College of Agriculture and Mechanic Arts.....		1							1
State University of South Dakota.....		1	2				5		8
Sub-total.....		2	2				5		9
TENNESSEE:									
George Peabody College for Teachers.....			1				1		2
University of Tennessee.....	4	7	7			2		1	21
Vanderbilt University.....		7	13			1		1	22
Sub-total.....	4	14	21			3	1	2	46

Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—Continued

State and Institution	A	B	C	D	E	F	G	H	Total
TEXAS:									
Baylor University.....	1	1	1			2			5
East Texas State College.....							1		1
North Texas State University.....							1		1
William Marsh Rice University.....	6	4	3	1				1	15
Southern Methodist University.....			3						3
Texas Agricultural and Mechanical University.....		4	5			3			12
Texas Christian University.....		3	8						11
Texas Technological College.....		1	1				2		4
Trinity University.....							1		1
University of Houston.....	1	1							2
University of Texas.....	6	12	9			6	6	1	40
Sub-total.....	14	26	30	1		11	11	2	95
UTAH:									
Brigham Young University.....	1	4	6			1			12
University of Utah.....	2	6	11			2	1	1	23
Utah State University of Agriculture and Applied Science.....		4							4
Sub-total.....	3	14	17			3	1	1	39
VERMONT:									
University of Vermont and State Agricultural College.....				1					1
Sub-total.....				1					1
VIRGINIA:									
University of Virginia.....	2	8	1				3		14
Virginia Polytechnic Institute.....		6	3						9
Sub-total.....	2	14	4				3		23
WASHINGTON:									
Pacific Lutheran University.....							1		1
Seattle University.....							1		1
University of Washington.....	19	24	15			6	4	1	69
Washington State University.....	1	6	10				1	1	19
Sub-total.....	20	30	25			6	7	2	90
WEST VIRGINIA:									
West Virginia University.....	1	2	2			2	1		8
Sub-total.....	1	2	2			2	1		8
WISCONSIN:									
The Institute of Paper Chemistry.....		2							2
Marquette University.....	2	2					1		5
University of Wisconsin.....	64	37	32	4		8	10	1	156
Sub-total.....	66	41	32	4		8	11	1	163
WYOMING:									
University of Wyoming.....		3	9				4		16
Sub-total.....		3	9				4		16
Total.....	1,833	1,800	906	121	23	294	288	53	4,818

Foreign Institutions Chosen by Fellowship Awardees—Fiscal Year 1963

[Key to table: A, Graduate;
D, Postdoctoral;
E, Senior Postdoctoral; and
F, Science Faculty.]

	A	D	E	F	Total
ARGENTINA:					
University of Buenos Aires.....		1			1
Sub-total.....		1			1
AUSTRALIA:					
Australian National University.....	1				1
Commonwealth Scientific and Industrial Research Organization.....		1	2		3
University of Melbourne.....		1			1
University of New England.....			1		1
University of Queensland.....		1			1
University of Sydney.....			1		1
Sub-total.....	1	3	4		8
AUSTRIA:					
University of Technology.....			1		1
Sub-total.....			1		1
BELGIUM:					
Center for Study of Nuclear Energy.....				1	1
Free University of Brussels.....		1	1		2
Sub-total.....		1	1	1	3
BRAZIL:					
University of Sao Paulo.....			1		1
Sub-total.....			1		1
CANADA:					
McGill University.....	6	4			10
University of Alberta.....	2				2
University of British Columbia.....	1			1	2
Sub-total.....	9	4		1	14
CHILE:					
University of Chile.....			1		1
Sub-total.....			1		1
DENMARK:					
Carlsberg Foundation.....			1		1
Copenhagen University.....		4	2		6
Nordic Institute for Theoretical Physics.....		1			1
The Royal Veterinary and Agricultural College.....		1			1
Technical University of Denmark.....		1	1		2
Sub-total.....		7	4		11
EAST AFRICA:					
Makerere College.....		1			1
Sub-total.....		1			1
FINLAND:					
University of Helsinki.....				1	1
Sub-total.....				1	1
FRANCE:					
National Center of Scientific Research (CNRS).....		2	3		5
Higher Normal School.....		1			1
Museum of Ethnology and Anthropology.....		1			1
Pasteur Institute.....		1	2		3
Polytechnic School.....				1	1
Saclay Nuclear Research Center.....		3	1		4
University of Paris.....		5	5		10
Sub-total.....		13	11	1	25

*Foreign Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—
Continued*

	A	D	E	F	Total
GERMANY:					
Albert Ludwig University at Freiburg.....	1				1
Baden Institute of Technology.....	1				1
Eberhard Karls University.....	1	2		1	3
Forest Research Institute.....		1			1
Free University of Berlin.....	1				1
George August University of Gottingen.....		1			1
Johann Wolfgang Goethe University at Frankfurt.....	1				1
Ludwig Maximilian University at Munich.....	1	3			3
Max Planck Institutes.....		3	4	2	9
Rhenish Frederick William University of Bonn.....		1			1
Ruprecht Karl University.....		1			1
Technical Institute at Hanover.....		1			1
Technical Institute at Stuttgart.....				1	1
University of Cologne.....			1		1
Sub-total.....	4	14	5	4	27
INDIA:					
University of Poona.....				1	1
Sub-total.....				1	1
ISRAEL:					
The Hebrew University.....	1	1			2
Weizmann Institute of Science.....		3	1		4
Sub-total.....	1	4	1		6
ITALY:					
Higher Institute of Health.....			1		1
Polytechnic Institute of Turin.....			1		1
University of Padua.....		1		1	1
University of Rome.....		1	3	1	5
Sub-total.....		2	5	1	8
JAPAN:					
Kyoto University.....		1		1	2
University of Tokyo.....				1	1
Sub-total.....		1		2	3
LEBANON:					
American University of Beirut.....	1				1
Sub-total.....	1				1
MEXICO:					
Indigenous Art Institute.....			1		1
Mexico City College.....				1	1
Sub-total.....			1	1	2
THE NETHERLANDS:					
Netherlands School of Economics.....	1	1	2		4
State University of Groningen.....				1	1
State University of Leiden.....	1	1		1	3
Technological University of Delft.....		1			1
Sub-total.....	2	3	2	2	9
NEW ZEALAND:					
University of Auckland.....	1				1
University of Canterbury.....	1				1
Victoria University of Wellington.....			1		1
Sub-total.....	2		1		3
NORWAY:					
Technical University of Norway.....				1	1
University of Oslo.....		1			1
Sub-total.....		1		1	2

*Foreign Institutions Chosen by Fellowship Awardees—Fiscal Year 1963—
Continued*

	A	D	E	F	Total
SWEDEN:					
Caroline Hospital.....		1			1
Royal Caroline Medico-Surgical Institute.....		2			2
Royal Institute of Technology.....				2	2
Royal University of Uppsala.....		4			4
University of Lund.....		1			1
University of Stockholm.....	1		2	1	4
Sub-total.....	1	8	2	3	14
SWITZERLAND:					
European Council for Nuclear Research.....		4	3		7
Swiss Federal Institute of Technology.....		2	1		3
University of Basel.....		1			1
University of Bern.....		2	1		3
University of Geneva.....			2		2
Sub-total.....		9	7		16
UNITED KINGDOM:					
Atomic Energy Research Establishment.....		4		1	5
British Museum of Natural History.....		1			1
Cambridge University.....	10	19	7	2	38
Cement and Concrete Association, Laboratories.....				1	1
Institute of Animal Physiology, Agricultural Research Council.....		1			1
Marine Biological Association of the United Kingdom.....		1			1
Medical Research Council.....		1			1
Oxford University.....	2	4	5	1	12
Queens University of Belfast.....		1			1
University College of Wales.....		1			1
University of Aberdeen.....			1		1
University of Birmingham.....	1	1			2
University of Bristol.....		3			3
University of Durham.....		1	1		2
University of East Anglia.....			1		1
University of Edinburgh.....		2			2
The University of Hull.....		1			1
University of Leeds.....	1				1
University of London.....	11	11	9	5	36
University of Nottingham.....			1		1
University of Southampton.....				1	1
Victoria University of Manchester.....	1				2
Sub-total.....	26	52	25	115	112
Total.....	47	124	72	31	274

*Present or Most Recent Institutional Affiliation of Individuals Offered
Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships for
Fiscal Year 1963*

	Science faculty	Senior post- doctoral	Post- doctoral
ALABAMA:			
Auburn University	2		
Howard College	1		
Livingston State College	1		
Tuskegee Institute	1		
University of Alabama	1		
ALASKA:			
University of Alaska	1		
ARKANSAS:			
University of Arkansas	4		1
ARIZONA:			
Arizona State University	2		
University of Arizona	1	1	
CALIFORNIA:			
Bakersfield College	2		
California Institute of Technology		2	5
California State Polytechnic College	1		
Chabot College	1		
Chico State College	1		
Contra Costa College	1		
El Camino College	1		
Foothill College	1		
Fullerton Junior College	1		
Harvey Mudd College	1		
La Verne College	1		
Los Angeles Pierce College	1		
Los Angeles Valley College	1		
Mills College	1		
Monterey Peninsula College	2		
Pasadena City College	1		
Sacramento State College	2		
San Bernardino Valley College	1		
San Fernando Valley State College	1		
San Jose State College	3		
Stanford University		4	8
Stockton College	1		
U.S. Naval Postgraduate School	1		
University of California, Berkeley		7	23
University of California, Davis		2	3
University of California, Los Angeles		1	7
University of California, Riverside		1	
University of California, San Diego			2
University of California, Santa Barbara	1		
University of Redlands	1		
University of Southern California	1		
Westmont College	1		
COLORADO:			
Colorado College	1		
Colorado State University	1		
University of Colorado	3		3
CONNECTICUT:			
Connecticut Agricultural Experiment Station		1	
University of Connecticut	2	1	
Weeleyan University	1		
Yale University			6
DELAWARE:			
University of Delaware	1		1
DISTRICT OF COLUMBIA:			
Department of Commerce		1	
George Washington University	1		
Howard University	3		
FLORIDA:			
Chipola Junior College	1		
Florida Presbyterian College	1		
Florida State University		1	1
University of Florida		1	
University of Miami	1		
GEORGIA:			
Berry College	1		
Clark College	1		
Columbus College	1		
Emory University			1
Georgia Institute of Technology	2		
University of Georgia	1		2
HAWAII:			
University of Hawaii	1		

**Present or Most Recent Institutional Affiliation of Individuals Offered
Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships for
Fiscal Year 1963—Continued**

	Science faculty	Senior post- doctoral	Post- doctoral
ILLINOIS:			
Augustana College.....	1		
Chicago City Junior College, Wright Branch.....	1		
Illinois Institute of Technology.....		3	1
Monmouth College.....	1		
Northern Illinois University.....	1		
Northwestern University.....		2	2
Roosevelt University.....	1		
Shimer College.....	1		
University of Chicago.....		3	8
University of Illinois.....	3	3	10
Western Illinois University.....	1		
INDIANA:			
Ball State Teachers College.....	2		
DePauw University.....	1		
Goshen College.....	1		
Indiana University.....		1	5
Purdue University.....	2	4	4
Rose Polytechnic Institute.....	1		
University of Notre Dame.....	2		1
IOWA:			
Central College.....	1		
Clarke College.....	1		
Grinnell College.....	1		
Iowa State University of Science and Technology.....	2		1
Marycrest College.....	1		
State College of Iowa.....	1		
University of Iowa.....			3
KANSAS:			
Bethel College.....	1		
Kansas State University of Agriculture and Applied Science.....	4		
University of Kansas.....	2	1	
University of Wichita.....	2		
KENTUCKY:			
Murray State College.....	1		
University of Kentucky.....	1		
University of Louisville.....	2		
Villa Madonna College.....	1		
LOUISIANA:			
Grambling College.....	1		
International Business Machines Corporation.....	1		
Louisiana State University.....	3		1
Newcomb College.....	1		
Northwestern State College of Louisiana.....	1		
Tulane University of Louisiana.....	1	1	1
MAINE:			
Gorham State Teachers College.....	1		
Nasson College.....	1		
MARYLAND:			
Johns Hopkins University.....		3	1
U. S. Naval Academy.....	2		
University of Maryland.....		2	3
MASSACHUSETTS:			
Amherst College.....	1		
Boston City Hospital.....			1
Boston College.....	1		
Brandeis University.....		2	1
College of the Holy Cross.....	1		
Harvard University.....		1	22
Massachusetts Institute of Technology.....		1	11
Merrimac College.....	1		
Northeastern University.....	1		
Tufts University.....			1
University of Massachusetts.....	2		
Western New England College.....	1		
Worcester Polytechnic Institute.....	2		
MICHIGAN:			
General Motors Institute.....	2		
Jackson Junior College.....	1		
Michigan College of Mining and Technology.....	1		
Michigan State University of Agriculture and Applied Science.....	3		
University of Detroit.....	1		
University of Michigan.....	2	2	9
Wayne State University.....	1	1	1
Western Michigan University.....	3		

*Present or Most Recent Institutional Affiliation of Individuals Offered
Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships for
Fiscal Year 1963—Continued*

	Science faculty	Senior post- doctoral	Post- doctoral
MINNESOTA:			
Carleton College.....	1		
Hamline University.....	1		
St. Olaf College.....	1		
University of Minnesota, Duluth.....	2		
University of Minnesota, Minneapolis.....	1	1	9
MISSISSIPPI:			
University of Mississippi.....	1		
MISSOURI:			
Lincoln University.....	1		
Missouri School of Mines and Metallurgy.....	2		
Stevens College.....	1		
University of Missouri.....	4		
Washington University.....		2	
MONTANA:			
Montana State University.....	1		
NEBRASKA:			
Creighton University.....	1		
Nebraska State Teachers College, Chadron.....	1		
Nebraska State Teachers College, Kearney.....	1		
University of Nebraska.....			2
NEVADA:			
University of Nevada.....	2		
NEW HAMPSHIRE:			
Dartmouth College.....	2		
University of New Hampshire.....	2		
NEW JERSEY:			
Drew University.....	1		
Newark College of Engineering.....	1		
Princeton University.....	1	2	10
Stevens Institute of Technology.....			1
NEW MEXICO:			
College of St. Joseph in the Rio Grande.....	1		
New Mexico Highlands University.....	1		1
New Mexico State University.....		1	1
University of New Mexico.....	1		1
NEW YORK:			
American Museum of Natural History.....		2	1
Brookhaven National Laboratory.....	1		
Broome Technical Community College.....			
City University of New York:			
Brooklyn College.....	1		
City College.....	2		
Hunter College.....	2		
Queens College.....	1		
Clarkson College of Technology.....	3		
Columbia University.....		4	9
Cornell University.....	2	2	7
Erie County Technical Institute.....	1		
Fordham University.....	1		
Hofstra College.....	1		
Manhattan College.....	2		
Mt. Sinai Hospital.....			1
New York Medical College.....		3	2
New York University.....	1		
Polytechnic Institute of Brooklyn.....	3		
Rensselaer Polytechnic Institute.....			1
Rochester Institute of Technology.....	1		
Rockefeller Institute.....			5
St. Lawrence University.....	1		
State University of New York:			
Agricultural and Technical Institute at Farmingdale.....	1		
College at Albany.....	1		
College at Brockport.....	1		
College at Cortland.....	1		
College at Geneseo.....	1		
College of Forestry at Syracuse University.....	1	1	
Long Island Center, Stony Brook.....	1		
University at Buffalo.....		1	
Syracuse University.....	1		
U.S. Merchant Marine Academy.....	1		
University of Rochester.....		2	4
NORTH CAROLINA:			
Duke University.....	2		1
Elon College.....	1		
Johnson C. Smith University.....	1		
State College of Agriculture and Engineering.....	2		1
University of North Carolina.....	1	1	1
Wake Forest College.....	1		

*Present or Most Recent Institutional Affiliation of Individuals Offered
Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships for
Fiscal Year 1963—Continued*

	Science faculty	Senior post- doctoral	Post- doctoral
NORTH DAKOTA:			
North Dakota State University.....	2		
State Teachers College, Minot.....	1		
University of North Dakota.....	1		
OHIO:			
Antioch College.....	1		
Ashland College.....	1		
Case Institute of Technology.....		1	
College of Wooster.....	1		
Denison University.....	1		
Hiram College.....	1		
Miami University.....	1		
Oberlin College.....	1		
Ohio State University.....	2	2	2
University of Cincinnati.....	2	1	
University of Dayton.....	1		
Western Reserve University.....		2	
OKLAHOMA:			
Northeastern State College.....	1		
Oklahoma State University of Agriculture and Applied Science.....	2		
Southeastern State College.....	1		
University of Oklahoma.....			1
University of Tulsa.....	1		
OREGON:			
Lewis and Clark College.....	2		
Oregon State University.....	3	1	1
Reed College.....	3	1	
University of Oregon.....			1
PENNSYLVANIA:			
California State College.....	2		
Carnegie Institute of Technology.....	1	1	5
Drexel Institute of Technology.....	2		
Haverford College.....	1		
Lafayette College.....	2		
Lehigh University.....	2		
The Pennsylvania State University.....	3	2	2
St. Francis College.....	1		
Swarthmore College.....	1		
Temple University.....	1		
University of Pennsylvania.....	1		4
University of Pittsburgh.....	1		1
Villanova University.....	1		
RHODE ISLAND:			
Brown University.....		1	2
University of Rhode Island.....	2		
SOUTH CAROLINA:			
Clemson Agricultural College.....	3		
SOUTH DAKOTA:			
Augustana College.....	1		
Dakota Wesleyan University.....	1		
South Dakota State College of Agriculture and Mechanic Arts.....	2		
State University of South Dakota.....	1		
TENNESSEE:			
Austin-Peay State College.....	1		
Christian Brothers College.....	1		
Fisk University.....	1		
Oak Ridge National Laboratory.....		1	
University of Tennessee.....	2		
Vanderbilt University.....			1
TEXAS:			
Agricultural and Mechanical College of Texas.....	2	1	
Lamar State College of Technology.....	3		
Midwestern University.....	1		
Prairie View Agricultural and Mechanical College.....	1		
Rice University.....	1		
St. Mary's University of San Antonio.....	1		
Sam Houston State Teachers College.....	1		
Texas Technological College.....	1		
University of Houston.....		1	
University of Texas.....	1		2
West Texas State College.....	1		
UTAH:			
Brigham Young University.....	2		
Utah State University of Agriculture and Applied Science.....	3		
Westminster College.....	1		
VERMONT:			
Trinity College.....	1		
University of Vermont and State Agricultural College.....			1

*Present or Most Recent Institutional Affiliation of Individuals Offered
Science Faculty, Senior Postdoctoral, and Postdoctoral Fellowships for
Fiscal Year 1963—Continued*

	Science faculty	Senior post- doctoral	Post- doctoral
VIRGINIA:			
Bridgewater College.....	1		
College of William and Mary.....	1		
Hampton Institute.....	1		
University of Virginia.....	1	1	1
WASHINGTON:			
Everett Junior College.....	1		
Gonzaga University.....	1		
Seattle Pacific College.....	1		
Seattle University.....	3		
University of Washington.....		2	4
Washington State University.....	3		
Whitman College.....	1		
WEST VIRGINIA:			
Marshall University.....	1		
West Virginia State College.....	1		
WISCONSIN:			
AC Spark Plug Division, General Motors Corporation.....	1		
Marquette University.....	1	1	
Milwaukee-Downer College.....	1		
University of Wisconsin.....	4	1	3
Wisconsin State College, La Crosse.....	1		
WYOMING:			
University of Wyoming.....	3		
PUERTO RICO:			
Catholic University of Puerto Rico.....	1		
ENGLAND:			
Cambridge University.....			1
University of London.....			1
FRANCE:			
National Center of Scientific Research.....			1
University of Paris.....			1
SPAIN:			
University of Seville.....			1
SWEDEN:			
Royal Carolina Medico-surgical Institute.....			1
Total.....	325	95	245