

V I S I T I N G   S C H O L A R S   I N   T H E   U N I T E D   S T A T E S

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A C A D E M I C   Y E A R   1956-57

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VISITING SCHOLARS IN THE SOCIAL SCIENCES AND HUMANITIES

Academic Year 1956-57

<u>Name and Position in Home Country</u>	<u>Country</u>	<u>Host Institution</u>	<u>Date of Arrival</u>	<u>No. of Months in U.S.</u>	<u>Field of Specialization and Other Interests</u>
<u>A N T H R O P O L O G Y</u>					
<u>CHRISTIANSEN, Reidar T.</u> , Prof. of Folklore, U. of Oslo	Norway	(L) Indiana U.	7/56	10	
<u>LID, Nils</u> , Prof. of Ethnology, U. of Oslo	Norway	(R) U. of Chicago	7/56	3	American Indian culture
<u>A R C H A E O L O G Y</u>					
<u>CORBETT, Peter Edgar</u> , Asst. Keeper Dept. of Greek and Roman Antiquities British Mus.	U. K.	(L) U. of California, Los Angeles (9/56-1/57); (R) Inst. for Advanced Study (1/57-5/57)	9/56	8	Classical authors; Greek pottery
<u>TOSUN, Mebrure (F)</u> , Asst. Prof. of Near Eastern Studies, U. of Ankara	Turkey	(R) U. of Chicago	9/56	10	Akkadian and Sumerian languages and archaeology
<u>A R C H I T E C T U R E</u>					
<u>BOYD, Robin G. P.</u> , Architect, Melbourne	Australia	(L) M. I. T.	8/56	9	Architectural design
<u>CANDIA, Salvador R. A.</u> , Architect São Paulo	Brazil	(R) M. I. T.	10/56	8	Modern architecture; museum administration
<u>HIGGINSON, F. St. George</u> , Architect London County Council	U. K.	(L) U. of Virginia	9/56	12	History of architecture
<u>JIMENO, Oswaldo A.</u> , Architect, Lima	Peru	(R) Illinois Inst. of Technology (9/56-1/57)	9/56	10	Modern American architecture; building codes; adobe construction
<u>MAKIYA, Mohammed Saleh</u> , Architect and Town Planning Consultant, Baghdad	Iraq	(R) U. of California, Berkeley (10/56-12/56)	8/56	4	Town planning and construction
<u>MARTY, Louis</u> , Architect, Paris	France	(R) Columbia U.	8/56	10	Modern architecture
<u>REBOUCAS, Diógenes de A.</u> , Prof. of Architecture, U. of Bahia	Brazil	(R) North Carolina State Coll.	9/56	8	American teaching methods
<u>A R T</u>					
<u>BRUNETTI, Giulia (F)</u> , Art Historian and Critic, Florence	Italy	(R) New York U.	10/56	4	Tuscan art of Gothic and Renaissance periods
<u>MITCHELL, Charles</u> , Lect., Warburg Inst., U. of London	U. K.	(L) Bowdoin Coll.	9/56	7	History of Italian Renaissance art
<u>PACHT, Otto Ernst</u> , Sr. Lect. in Medieval Art, Oxford U.	U. K.	(R) Inst. for Advanced Study	10/56	10	Medieval illumination and sculpture; Gothic painting; Byzantine art
<u>SINGELENBERG, Pieter</u> , Administrator Art Historical Inst., U. of Utrecht	Netherlands	(R & L) Oberlin Coll.	8/56	12	History of architecture; survival of the classics in the Middle Ages

SYMBOLS: (L) indicates that primary interest in the U. S. is lecturing; (R) that it is research. (F) indicates woman.  
 NOTE: Most scholars would be glad to give occasional lectures in other institutions.

ART (cont.)

<u>YASHIRO, Yukio</u> , Deputy Chairman, Natl. Com. for Protection of Cultural Properties, Tokyo	Japan	(R & L) Stanford U.	9/56	12	Japanese and Occidental fine arts
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BUSINESS ADMINISTRATION

<u>STEWART, William J.</u> , Lect. in Accounting, U. of Melbourne	Australia	(R&L)Duke U.(9/56-6/57); U. of Chicago (Summer 1957)	9/56	12	Accounting
<u>TASUGI, Kiso</u> , Prof. of Business Ad., Kyoto U.	Japan	(R & L) U. of Michigan	8/56	6	Recent Japanese industrial changes; industrial personnel relations

DRAMATIC ARTS

<u>ROWELL, George R.</u> , Lect. in Drama U. of Bristol	U. K.	(R) Columbia U.	10/56	4	History of the drama in England
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ECONOMICS

<u>CHAMLEY, Paul</u> , Prof. of Economics U. of Strasbourg	France	(R) Stanford U.	9/56	3	Study of American "free enter- prise system"
<u>HOLTE, Fritz C.</u> , Assoc. Prof. of Econ., Norwegian Coll. of Ag.	Norway	(R) Yale U.	7/56	9	Methodology of economic analysis
<u>KARASMANOGLU, Attila</u> , Asst. Lect. of Polit. Sci., U. of Ankara	Turkey	(R) Harvard U.	9/56	12	Contribution of internation- al trade to underdeveloped countries
<u>KHAN, Nasir Ahmad</u> , Reader, Dept. of Econ. & Soc., Lucknow U.	India	(R) U. of Chicago	10/56	12	"Problems of growth in an underdeveloped economy"
<u>KOMIYA, Ryutaro</u> , Asst. Internat'l Econ., Tokyo U.	Japan	(R) Harvard U.(6/56-3/57); Stanford U. (4-6/57)	6/56	12	Theory of international trade
<u>McKEE, Arnold Francis</u> , Res. Asst. Dept. of Econ., U. of Southampton	U. K.	(L) U. of Notre Dame	8/54	Ext.to 9/57	International economics
<u>RESTA, Manlio</u> , Full Prof. of Economics, U. of Trieste	Italy	(R) Yale U.(1-5/57); U. of Chicago (5-6/57)	1/57	6	Theory of economic structure
<u>TINBERGEN, Jan</u> , Prof. of Econometrics Neth. Sch. of Economics	Nether- lands	(L) Harvard U.	9/56	12	Theory of economic policy

EDUCATION

<u>HALLORAN, John Herbert</u> , Lect. in Education, U. of Sheffield	U. K.	(L) U. of Michigan	9/56	10	Comparative education; philosophy of education
<u>MURAI, Takako (F)</u> , Dir., Health and Physical Educ., Tsuda Coll., Tokyo	Japan	(R) U. of Illinois	8/56	12	Physical education
<u>OHASHI, Hideo</u> , Official, Ministry of Educ.; Lect., Science Educ., Nihon U.	Japan	(R) Harvard U.	9/56	10	Curriculum; teaching methods, facilities and equipment in science education
<u>POWER, Hilton McCarthy</u> , Sr. Tutor in Adult Education, Victoria University Coll.	New Zealand	(L) U. of Wyoming	8/56	12	Adult education
<u>SANDVEN, Johs</u> , Prof. of Pedagogy, U. of Oslo; Dir. of Inst. for Educ. Research	Norway	(R) U. of Illinois	1/57	4	Problems of social develop- ment of youth
<u>SKJULSTAD, Thomas</u> , Secondary School Teacher, Oslo	Norway	(R) U. of Chicago	2/57	3	Science teaching and admin- istration in American high schools
<u>WHEELER, Daryl K.</u> , Sr. Lect. in Education, U. of Western Australia	Austra- lia	(R) San Francisco St. Coll. (2-8/56); U. of Chicago (9/56-2/57)	2/56	12	Group dynamics in the classroom

## LANGUAGES AND LITERATURES (cont.)

<u>DJAJADININGRAT, Roswitha</u> (F) Teacher of English, Djakarta	Indonesia	(L) Cornell U. (Summer 55 and 56); Yale U. (9/55 to 6/57)	6/55	Ext. to 6/57	Indonesian language and literature
<u>ELLRODT, Robert</u> , Maître de Conférences Faculté des Lettres, U. of Algiers	French (Colonial)	(R) Huntington Lib. (9/56); U. of Minnesota (10-12/56)	8/56		American civilization; 17th century literature
<u>GINGES, Asher M.</u> , Lect. in English New So. Wales U. of Tech.	Australia	(R) U. of Southern California	1/57		English language and literature
<u>GRANDJEAN, Mireille</u> (F), Teacher of English, Lycée Brizeux-Quimper	France	(L) Middlebury Coll. (9/55-7/56); U. of Michigan (7/56-7/57)	9/55	Ext. to 9/57	French language and literature; res. on Thomas Wolfe
<u>GREGOIRE, Marcelle</u> (F), Teacher of French, L'Alliance Française, Paris	France	(L) Smith College	9/56		French language and literature
<u>HADGRAFT, Cecil H.</u> , Lect. in English U. of Queensland	Australia	(L) U. of Omaha (1st sem.)	9/56		English and Australian literature; literary criticism
<u>HAYASHI, Kenichiro</u> , Asst. Prof. of French Lit., Kyoto U.	Japan	(R) Harvard U. (9/56-1/57); U. of No. Carolina (2-6/57)	9/56		Comparative literature
<u>HEUER, Hermann</u> , Prof. of English, U. of Freiburg	Germany	(R) Yale U.	9/56		English and American literature
<u>HIGASHIYAMA, Masayoshi</u> , Prof. of American Lit., Kwansai Gakuin U.	Japan	(R) Middlebury Coll.	9/56		American literature, especially Henry David Thoreau
<u>HOGGART, Herbert R.</u> , Staff Tutor in English Lit., U. of Hull	U. K.	(L) U. of Rochester	8/56		English literature
<u>INOUE, Soji</u> , Chairman, English Dept. Wakayama U.	Japan	(R) Yale U.	8/56		Contemporary American drama, especially Eugene O'Neill
<u>KAJI, Keinosuke</u> , Asst. Prof. of English, Kanazawa U.	Japan	(R) U. of Michigan	9/56		Teaching of English as a foreign language
<u>KITAMURA, Shoji</u> , Lect. in English Jr. Coll. of Otaru U. of Commerce	Japan	(R) U. of Michigan	9/56		Teaching of English as a foreign language
<u>KOGL, Richard</u> , Supt. of Public Schs.; Lect. in English, Hochschule fuer Welthandel, Vienna	Austria	(R) U. of Michigan	1/57		Teaching of English as a foreign language
<u>LAZZARINO, Graziana</u> , Asst. in Italian Lycée St. Just, Lyon, France	Italy	(L) U. of Nebraska	8/56		Italian and French language and literature
<u>LUNZER-LINDHAUSEN, Dorethea</u> (F), Lect. in English, U. of Vienna	Austria	(R) Georgetown U. Inst. of Lang. & Ling. (1st sem); U. of Michigan (2nd sem.)	9/56		Techniques of training translators and interpreters; American civilization
<u>MALININE, Michel</u> , Dir. d'Etudes a L'Ecole pratique des Hautes Etudes Sorbonne	France	(L) Brown U.	8/56		Egyptology; demotic and Coptic documents
<u>MANNÅKER, Jørund</u> , Teacher of Norwegian & German, Frogner Gymnasium, Oslo	Norway	(L) St. Olaf College	8/56		Scandinavian language and literature
<u>MATSUTORI, Mataka</u> , Head, Humanities Dept., Kyushu Inst. of Tech.	Japan	(R) U. of Pennsylvania	9/56		American literature, especially Theodore Dreiser
<u>MIZUNO, Shigeru</u> , Asst. Prof. of English, Kochi U.	Japan	(R) Columbia U.	9/56		Teaching of English as a foreign language
<u>MONTANO, Rocco</u> , Prof. of Italian Lit. Suor Orsola Benincasa Inst. Naples	Italy	(R & L) Harvard U.	9/56		Italian literature, especially Dante
<u>MUND, Anne</u> (F), Teacher of French and Spanish, Lycée de Louvain	Belgium	(L) Goucher Coll.	8/56		French and Spanish language and literature
<u>REKSTEN, Erling</u> , High School Teacher Haugesund	Norway	(L) U. of Wisconsin	8/56		Scandinavian studies

E D U C A T I O N (cont.)

<u>YOSHIKAWA, Tetsutaro</u> , Prof. of Education, Doshisha U., Kyoto	Japan	(R) U. of Michigan	1/57	6	American educational theory and practice
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G E O G R A P H Y (see p. 7)

H I S T O R Y

<u>ANGERMAN, Erich</u> , Asst., American Institute, U. of Munich	Germany	(R) Columbia U.	9/56	5	Modern history: German-American relations in the 19th century
<u>BICKERSTETH, Jean E.</u> (F), Former Lexicographer, Oxford	U. K.	(R) Dumbarton Oaks Res. Library	9/56	10	Byzantine studies: festivals of the Christian year
<u>CRAWFORD, Raymond M.</u> , Prof. of History, U. of Melbourne	Australia	(L) U. of Wisconsin	2/57	5	Australian history
<u>HARRISON Brian</u> , Prof. and Head of Dept. of History, U. of Hong Kong	U. K. (Colonial)	(L) Cornell U.	9/56	6	Modern history of Southeast Asia
<u>ISHIDA, Ichiro</u> , Prof. of History Doshisha U., Kyoto	Japan	(R) U. of California, Berkeley	2/56	12	Japanese intellectual history; development of liberal thought
<u>MASUDA, Kenji</u> , Prof. of European Hist., Yamaguchi U.	Japan	(R) U. of Chicago	9/56	10	History of the Reformation, especially French
<u>OHN, U Tin</u> , Lect. in History, U. of Rangoon	Burma	(R) Yale U.	9/56	4	Southeast Asian history
<u>PARKER, John S. F.</u> , Research Scholar Byzantine Hist., Oxford U.	U. K.	(R) Dumbarton Oaks Res. Library	11/55	Ext. to 7/57	Administrative history of the Byzantine Empire
<u>RYU, Hong-ryol</u> , Prof. of Korean History, Seoul Natl. U.	Korea	(R) Harvard U.	10/56	10	Korean-American relations
<u>SKODVIN, Magne</u> , Res. Fellow; Lect. in History, U. of Oslo	Norway	(R) Stanford U.	7/56	3	Norwegian-American relations in World War II
<u>SUMIYA, Mikio</u> , Prof., Economics of Industry, Tokyo U.	Japan	(R) U. of California Berkeley	3/56	12	Social and economic history of modern Japan
<u>TAKEUCHI, Tatsuji</u> , Prof. of International Relations, Kwansai Gakuin U.	Japan	(R & L) U. of Hawaii	6/56	4	Constitutional and diplomatic history of modern Japan
<u>VERLINDEN, Charles A.</u> , Dean, Faculty of Philosophy and Letters; Prof. of History, Ghent U.	Belgium	(L) U. of Washington	4/57	3	Medieval history

L A N G U A G E S   A N D   L I T E R A T U R E S

<u>AUBRUN, Charles V.</u> , Prof. of Spanish, U. of Paris	France	(L) U. of Texas, Austin	9/56	5	Spanish-American literature
<u>BAUER, Theo</u> , Prof. of Oriental Languages, U. of Wuerzburg	Germany	(R) U. of Chicago	9/56	4	Assyriology; Assyro-Babylonian grammar
<u>BLATT, Franz Josef</u> , Prof. of Classic Philology, Aarhus U.	Denmark	(R) Institute for Advanced Study	9/56	6	Latin manuscripts; Medieval philology and history
<u>BROWN, John Russell</u> , Lect. in English U. of Birmingham	U. K.	(R & L) Folger Shakespeare Lib.	3/57	4	Shakespeare
<u>CAMPS, William A.</u> , Fellow and Tutor in Classics, Cambridge U.	U. K.	(R) Inst. for Advanced Study	8/56	10	Works of Cicero; Greek literature
<u>CARDUNER, Marie-Paule</u> (F), Student U. of Rennes	France	(L) Vassar Coll.	9/56	12	French language and literature
<u>CHIEN, Chen</u> , Prof. of Chinese, Natl. Taiwan U.	Formosa	(L) U. of Washington, Seattle	3/56	10	Chinese literature
<u>COUSINE, Simone</u> (F), Teacher of English, Lycée de Toulouse	France	(L) Skidmore Coll.	9/56	12	French literature and civilization
<u>D'ARDENNE, Simone</u> (F), Prof. of Anglo-Saxon & Middle English Liège U.	Belgium	(L) Montana State U. (1st sem.)	9/56	10	Middle English language and literature

## LANGUAGES AND LITERATURES (cont.)

<u>REUTER, Ole Roger</u> , Head, English Dept., U. of Helsinki	Finland	(R) Folger Shakespeare Lib.	9/56	3	American literature; transcendentalists
<u>RUFF, Marcel A.</u> , Prof. of French Lit. U. of Aix-Marseille	France	(L) U. of Chicago	9/56	6	French literature
<u>RYGALOFF, Alexis</u> , Lect., Ecole Pratique des Hautes Etudes, Paris	France	(R) Harvard U. (2-4/57); U. of Washington (4-6/57)	2/57	4	Far Eastern studies
<u>SCHJØTTZ-CHRISTENSEN, Aag</u> , Teacher of German Lang., Ordrup Gymn., Copenhagen	Denmark	(L) U. of Kansas	8/56	10	Scandinavian languages and literature
<u>SINTAS, Colette (F)</u> , Teacher of English, City of Paris Schools	France	(L) Wayne State U.	9/56	10	French language and literature
<u>SOULÉ-SUSBIELLES, Nicole (F)</u> , Prof. Agrégée, Lycée Mouere, Paris	France	(L) Oberlin Coll.	9/56	10	French and American literature
<u>SUTHERLAND, James</u> , Prof. of Modern English Lit., University Coll., London	U. K.	(R&L) U. of California, Los Angeles (6-8/56); Huntington Lib. (8-11/56)	6/56	6	English Romanticism and contemporary English and American criticism; 17th century English literature
<u>WEBER, Alfred</u> , Lect., American Inst. Free U. of Berlin	Germany	(R) U. of Minnesota	8/56	9	American studies
<u>WILD, Friedrich</u> , Head of English Dept., U. of Vienna	Austria	(R) U. of Michigan	2/57	5	Anglo-Saxon oral poetic tradition; Middle English lexicography
<u>WOODHEAD, A. G.</u> , Lect. in Classics Cambridge U.	U. K.	(R) Inst. for Advanced Study	9/56	8	Greek epigraphy
<u>YOSHITAKE, Yoshinori</u> , Prof. of English Lang. and Lit., Chiba U.	Japan	(R) New York U.	9/56	10	American literature, especially Walt Whitman
<u>ZOLLER, Manfred</u> , Graduate Student Tübingen U.	Germany	(R & L) Bowdoin College	9/56	12	German language and literature

## L A W

<u>FELICIANO, Florentino P.</u> , Lect. in Law, U. of the Philippines	Philippines	(R) Yale U.	12/56	12	International law
<u>FIRSCHING, Karl</u> , District Court Judge, Instr. of jr. lawyers, Munich	Germany	(R) U. of Chicago (1st sem.); Harvard U. (2nd sem.)	8/56	9	Comparative study of inheritance laws
<u>KISCH, Isaak</u> , Prof. of Law Municipal U. of Amsterdam	Netherlands	(L) Louisiana State U.	1/57	4	Comparative Anglo-American and continental law
<u>MAILLET, Jean</u> , Prof. of Law, U. of Grenoble	France	(L) Tulane U.	2/57	3	Roman law
<u>SAMESHIMA, Tatsuo</u> , Superv. of Investigators, Tokyo Family Court	Japan	(R) U. of Pennsylvania	9/56	10	Family law; domestic relations and juvenile delinquency
<u>STEINER, Otto</u> , Scientific Referee Asst. Librarian, Max Planck Inst. Heidelberg	Germany	(R) U. of Michigan	9/56	6	American approach to international organizations; civil law
<u>STONE, Julius</u> , Prof. of Jurisprudence & Internat'l Law, Sydney U.	Australia	(L) Columbia U. (2-6/56); Harvard U. (7/56-7/57)	2/56	Ext. to 7/57	International law; philosophy and sociology of law

## LIBRARY SCIENCE

<u>DANIELS, Sheila (F)</u> , Asst. Librarian U. of Edinburgh	U. K.	(R) U. of California Berkeley	6/56	12	American library methods
<u>PRETE, Serafino</u> , Prof. of History of Christianity, U. of Bologna; Dir. of Library, Fermo	Italy	(R) Fordham U.	9/56	6	Organization of American libraries

MUSEOLOGY

<u>HABERL, Johanna Maria</u> (F), Res. Asst. Bundesdenkmalamt, Vienna	Austria	(R) Metropolitan Museum of Art	9/56	10	Study of American museum administration
<u>WILLVONSEDER, Kurt</u> , Dir., Museum Carolino Augusteum, Salzburg	Austria	(R) Metropolitan Museum of Art	10/56	3	Museum administration

MUSIC

<u>AMORIM, Dircéa de</u> (F), Singer, Music Teacher, Rua Fonte de Saudade	Brazil	(R) Juilliard School of Music	2/56	11	Voice training; music education
<u>DALLAPICCOLA, Luigi</u> , Composer, Teacher Luigi Cherubini Cons., Florence	Italy	(L) Queens Coll.	9/56	10	
<u>MINAGAWA, Tatsuo</u> , Lect. in History of Music & Musicology, Tokyo U. of Arts	Japan	(R) New York U.	9/55	Ext. to 7/57	Medieval European music
<u>MITA, Setsuko</u> (F), Asst. Prof. of Music, Kobe Coll.	Japan	(R) Michigan State U.	9/54	Ext. to 7/57	Techniques in the teaching of music
<u>RINGBOM, Nils-Eric</u> , Manager, Symphony Orchestra, Helsinki	Finland	(R) New York U.	11/56	4½	Teaching of music in American universities

PHILOSOPHY AND RELIGION

<u>ANDERLE, Othmar F.</u> , High School Teacher, Eisenerz	Austria	(R) Harvard U.	3/56	10	Philosophy of history and culture
<u>BALADI, Naquib</u> , Prof. of History of Philosophy, Alexandria U.	Egypt	(L) U. of South Dakota (1st sem.)	9/56	12	History of western philosophy; ethics
<u>BRUNIUS, Teddy</u> , Asst. Prof. of Aesthetics, U. of Uppsala & Docent	Sweden	(L) Grinnell Coll. (1st sem.)	9/56	10	Aesthetics
<u>CORSI, Mario</u> , Asst. to Chair of Theoretic Phil., U. of Pisa	Italy	(R) Columbia U.	10/56	9	American pragmatism
<u>DUFRENNE, Mikel</u> , Prof. of Philosophy, U. of Portiers	France	(L) U. of Michigan	9/56	5	Contemporary philosophy; existentialism
<u>LEE, Sang-eun</u> , Dean of Arts and Sciences, Korea U.	Korea	(R) Yale U. (1st sem.)	9/56	10	Comparative study of Oriental and Western philosophy
<u>MICHELAKIS, Emmanuel M.</u> , Asst. Prof. of Law, U. of Athens	Greece	(R) Harvard U.	9/56	6	History of ancient philosophy
<u>MITCHELL, David Ian</u> , Pastor, Meth. Church, Georgetown, Br. Guiana	U. K. (Colonial)	(R) Union Theological Seminary (9/55-9/56); Columbia U. (9/56-9/57)	9/55	Ext. to 9/57	Religious education
<u>OGATA, Sohaku</u> , Prof. of Zen Buddhism Hanazono U.; Chotokuin Priest	Japan	(L) Washington U. (1st sem.); U. of Michigan (2nd sem.)	10/56	10	Zen Buddhism; its influence on Japanese culture
<u>SCHOLEM, Gershom</u> , Prof. of Jewish Mysticism, Hebrew U.	Israel	(L) Brown U.	9/56	10	Jewish mysticism
<u>VAN HAECHT, Ludovicus</u> , Prof. of Philosophy, U. of St. Louis, Brussels	Belgium	(L) Duquesne U.	2/57	5	Philosophy of language and phenomenology
<u>ZERNOV, Nicolas</u> , Lect. in Eastern Orthodox Culture, Oxford U.	U. K.	(L) Drew U.	3/56	10	Contemporary Eastern Orthodox theology and history

POLITICAL SCIENCE

<u>FUKUDA, Masaru</u> , Chief of Fund Sect. Ministry of Finance, Tokyo	Japan	(R) Duke U.	8/56	10	Public administration: budgeting and administrative management
<u>HUGHES, Edward W.</u> , Lect. in Politics King's Coll., Newcastle	U. K.	(L) U. of Michigan	9/56	10	British government and politics

POLITICAL SCIENCE (cont.)

<u>IWANAGA, Kenkichiro</u> , Asst. Prof. of Political Science, Tokyo U.	Japan	(R) Wesleyan U. Middletown, Conn.	9/56	Ext. to 7/57	Political parties and the dynamics of international relations
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PSYCHOLOGY

<u>BECKER, Johanna (F)</u> , Asst., Inst. of Psych., U. of Freiburg	Germany	(R) U. of Nebraska, Coll. of Medicine	8/56	9	Dynamic theories of personality; projective techniques
<u>HONKAVAARA, Sylvia Sanni (F)</u> , Res. in Psychology, University Coll., London U.	Finland	(R) Harvard U.	9/56	10	Standardization of tests for measurement of mental development
<u>NIELSEN, Gerhard S.</u> , Asst. Prof. of Psych., U. of Copenhagen	Denmark	(R) Harvard U.	3/56	12	Relationship between perception, personality and behavior
<u>ROMMETVEIT, Ragnar</u> , Assoc. Prof. of Psych., U. of Oslo	Norway	(R & L) U. of Minnesota	9/56	12	Experimental social psychology
<u>TREML, Franz</u> , Psychologist, Labor Office, Salzburg	Austria	(R) U. of Minnesota	9/56	3	Aptitude and intelligence tests
<u>TRDISFONTAINES, Roger</u> , Prof. of Philosophy, Facultés Universitaires Namur, & of Experimental Psychology Coll. of St. Albert of Louvain	Belgium	(R) Fordham U. (6 mos.); U. of Chicago (3 mos.)	1/57	9	Experimental psychology; personality tests; counseling; social case work
<u>VAN LEENT, Johan A. A.</u> , Asst., Psych. Inst., U. of Leiden	Netherlands	(R) Harvard U.	8/56	10	Social psychology; psycholinguistics
<u>ZOBERI, Haseenuddin</u> , Lect. in Psychology, U. of Karachi	Pakistan	(R) Harvard U.	9/56	10	Relation of psycho-analytic theories to social psychology

SOCIOLOGY

<u>BOLTE, Karl Martin</u> , Asst. in Sociology, U. of Keil	Germany	(R) U. of Michigan	1/57	6	American methodology in analysis of social mobility
<u>PALMIER, Leslie Hugh</u> , Grad. Stud. London Sch. of Economics	U. K.	(R) Yale U.	8/56	10	Sociology of South East Asia
<u>VERDUN, Maurice (Father)</u> , Prof. of Differential Anthropology, Catholic Inst. of Paris	France	(R & L) Creighton U.	8/56	5	Biological factors in delinquency and criminality

SOCIAL WORK AND RELATED FIELDS

<u>CALOGERO COMANDINI, Maria (F)</u> Teacher of Group Work, Sch. of Social Work, Rome	Italy	(R) U. of California Berkeley	9/56	5	Community organization; group work and therapy
<u>DORAISWAMY, Chinniah</u> , Supt., Alipuram Jail & Correctional Inst., Bellary	India	(R) New York Inst. for the Education of the Blind, N.Y.C.	10/56	9	Education of handicapped children; administration of correctional institutions
<u>TAU, Tove (F)</u> , Social Curator, Norwegian Refugee Com., Oslo	Norway	(R) New School of Social Research, N.Y.C.	9/56	3	Social work methods among refugee groups

GEOGRAPHY

<u>CAESAR, Alfred Augustus</u> , Lect. in Geography, Cambridge U.	U. K.	(R & L) Indiana U.	9/56	11	Economic geography
<u>MOODIE, Arthur Edward</u> , Reader in Geography, U. of London	U. K.	(L) Northwestern U.	1/56	Ext. to 4/57	Political geography



OTHER SCHOLARS IN THE SOCIAL SCIENCES AND HUMANITIES

(These scholars received grants during the current year and after completion of their projects have returned home.)

ABRAHAM, Roy Clive

Res. Fellow, West African Inst. of  
Soc. & Ec. Res., Ibandan, Nigeria, U. K.

ARGYLE, J. Michael

Lect. in Social Psych., Oxford U., U. K.

ASSELINEAU, Roger

Prof. of American Literature, Lyon U., France

BAUER, Andreas

Supt., Professional Schs. for Agri-  
culture, Salzburg, Austria

CHAMBERT, Seraphin J. R.

Prof. of English and American Civil-  
ization, Pensionnat N-D. de France,  
Le Puy, France

GALLAGHER, John

Lect., Colonial History & Administration  
Cambridge U., U. K.

GONCALVES, Martin

Dir., "Conservatorio de Teatre", U. of  
Bahia, Brazil

HAMMOND, Nicholas G. L.

Headmaster, Clifton Coll., Bristol, U. K.

HARRISON-CHURCH, Ronald James

University Lect. in Geography, London, U.K.  
Sch. of Economics

JEPPESEN, Knud Christian

Prof. of Music, U. of Aarhus, Denmark

KOCH, Mogens

Prof. of Architecture, Royal Academy  
of Fine Arts, Copenhagen, Denmark

LIVERMORE, Harold

Educational Dir., Hispanic & Luso-  
Brazilian Council, London, U. K.

PESSYAN, Hossein Ali S.

Sr. Lect. in English, U. of Tehran, Iran

PIVETEAU, Jacques Paul Joseph

Prof. of English and American Civil-  
ization, Coll. Garcons Talence, France

SURATGAR, Olive (F)

Lect. in English, U. of Tehran and  
Nat'l. Teachers Coll., Iran

SURATGAR, Loftali

Prof. of English Literature, U. of  
Tehran, Iran

VAN BUSSCHBACH, Johan

Govt. Inspector of Primary Ed.  
Haarlem, Netherlands

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VISITING SCHOLARS IN THE BIOLOGICAL SCIENCES

Academic Year 1956-57

<u>Name and Position in Home Country</u>	<u>Country</u>	<u>Host Institution</u>	<u>Date of Arrival</u>	<u>No. of Months In U.S.</u>	<u>Field of Specialization and Other Interests</u>
<u>A G R I C U L T U R E</u>					
<u>ANDREAE, Bernd</u> , Asst. Prof. & Scientific Asst., Inst. of Farm Management, U. of Goettingen	Germany	(R) Mississippi State Coll. (8-9/56); U. of California, Berkeley (10-12/56)	8/56	6	Agronomy; the geographical distribution, economic peculiarities and organizing problems of American farms
<u>POLINENAKOS, Nikolaos</u> , Prof. of Agriculture, U. of Athens	Greece	(R) U. of California, Berkeley	9/56	4	Food technology and viticulture
<u>REGÉ, Dinanath V.</u> , Lect. in Food Technology, Bombay U.	India	(R) M. I. T.	9/56	10	Food processing and preservation; American techniques of research
<u>A N A T O M Y</u>					
<u>KOSKI, Pentti Kalevi</u> , Lect. in Dental Morphology, Faculty of Medicine, U. of Helsinki	Finland	(R) Antioch Coll. (1-3/57); Loyola U. (405/57); Antioch Coll. (6/57)	1/57	9	Functional anatomy of the head, from the dental viewpoint; American methods of teaching
<u>LEONHARDT, Helmut</u> , Privatdozent and Prosecutor, Anatomical Inst. U. of Erlangen	Germany	(R) U. of Michigan Medical Sch.	8/56	3	Neuroanatomy; problems of blood-brain-barrier
<u>MERRILLEES, Neil C. R.</u> , Sr. Lect. in Histology & Embryology, U. of Melbourne	Australia	(R) U. of Washington	8/55	Ext. to 3/57	Histology; neuro-muscular relationships in the submicroscopic field
<u>OKAMOTO, Michio</u> , Prof. of Anatomy Mie Prefectural U., Kobe Medical U.	Japan	(R) U. of Texas, Medical Branch Galveston	9/56	12	Metabolism of nervous elements by the tissue culture method
<u>B I O C H E M I S T R Y</u>					
<u>AAES-JØRGENSEN, Erik</u> , Asst. Prof. of Biochemistry, Technical U. of Denmark	Denmark	(R) U. of Minnesota (Hormel Inst.)	7/56	12	Function of metabolism of essential fatty acids
<u>APELGOT, Sonia (F)</u> , Researcher, Centre National de la Recherche Scientifique Paris	France	(R) U. of California, Berkeley	11/56	11	Studies on mechanism of hydrocarbon carcinogenesis
<u>ARIMA, Kei</u> , Asst. Prof. of Microbiology, Tokyo U.	Japan	(R) U. of California, Berkeley	9/55	Ext. to 1/57	Enzymes
<u>BACHRA, Bernard Nehemia</u> , Asst., Lab. for Physiological Chem., Amsterdam U.	Netherlands	(R) State U. of New York Coll. of Medicine, Brooklyn	11/55	Ext. to 1/57	Influence of vitamin C on protein metabolism in newborn infants
<u>BARRY, John Michael</u> , Demonstrator in Biochemistry, U. of Oxford	U. K.	(R) Johns Hopkins U. (McCollum-Pratt Inst.)	9/56	12	Enzymes
<u>BOSCH, Leendert</u> , Res. Assoc. Netherlands Cancer Inst. Amsterdam	Netherlands	(R) U. of Wisconsin Sch. of Medicine	8/56	12	Relationship between malignant growth and carbohydrate and nucleic acid metabolism
<u>BRUNET, Peter Cameron Jamieson</u> , Demonstrator in Zoology, Oxford U.	U. K.	(R) U. of Oregon Medical Sch.	9/56	7	Clinical aspects of melanin pigmentation
<u>BUETTNER, Wolfgang</u> , Scientific Asst. Sch. of Dentistry, U. of Mainz	Germany	(R) Indiana U.	4/56	12	Experimental dental caries in animals; biochemistry of teeth

SYMBOLS: (L) Indicates that primary interest in the U. S. is lecturing; (R) that it is research. (F) indicates woman.  
 NOTE: Most scholars would be glad to give occasional lectures in other institutions.

## B I O C H E M I S T R Y (cont.)

<u>CROWLEY, Gavin Michael</u> , Res. Asst. Travis Lab. Medical Sch., U. of Otago, Dunedin	New Zealand	(R) Johns Hopkins U. (McCollum-Pratt Inst.)	8/56	12	Enzymatic mechanisms of intermediary metabolism
<u>D'ABRAMO, Furlo</u> , Res. Asst., Cancer Inst., Naples	Italy	(R) Massachusetts General Hospital	9/56	12	Relation of enzymatic system to synthesis of new inhibitor of citric acid cycle
<u>EDEN, Eva Gizelle (F)</u> , Sr. Lect. in Biochemistry, U. of Sydney	Australia	(R) U. of Rochester, Sch. of Medicine & Dentistry	1/57	12	Animal biochemistry; liver and red cell metabolism
<u>EYQUEM, André</u> , Chief of Lab., Institut Pasteur, Paris	France	(R) Harvard Medical Sch.	8/56	10	Purification and preparation of properdin and the components of complement
<u>FESSLER, John Hans</u> , Res. Asst. for Medical Res. Council, London, in Biochemical Dept., Oxford U.	U. K.	(R) Harvard Medical Sch.	9/56	12	Connective tissue
<u>FRISCH-NIGGEMEYER, Walter</u> , Lect. and Res. Asst., Inst. for Medical Chemistry, Vienna	Austria	(R) U. of California, Berkeley	9/56	11	Virus research
<u>FUJII, Setsuro</u> , Res. Fellow, Dept. of Bio-Chemistry, Faculty of Medicine Kyushu U.	Japan	(R) Yale U. Sch. of Medicine	6/56	12	Reactions involving cooperative action of cathepsins B and C
<u>GANGULI, Nripendra C.</u> , Sr. Scientific Asst., Dept. of Applied Chemistry, Univ. Coll. of Science & Technology Calcutta	India	(R) U. of California, Berkeley	11/56	8	Carbohydrate metabolism with use of isotopic tracer compounds in animal system
<u>GIUDITTA, Giuseppe Antonio</u> , Res. Fellow, Zoological Station, Naples	Italy	(R) Edsel B. Ford Inst. for Medical Research, Detroit	10/56	12	Enzymology; metalloenzymes
<u>HAKOMORI, Sen-itiroh</u> , Instr., Inst. of Medico-chemistry, Tohoku U.	Japan	(R) Harvard Medical Sch.	9/56	12	Chemico-structural study of muco-substance
<u>HARBERS, Eberhard</u> , Asst., Inst. for Medical Physics & Biophysics, U. of Goettingen	Germany	(R) U. of Wisconsin Medical Sch.	9/55	Ext. to 9/57	Tracer experiments in nucleic acid biosynthesis with reference to cancer
<u>HASSERODT, Ulrich</u> , Doctoral Student in Chemistry, Inst. of Phys. Chemistry U. of Frankfurt	Germany	(R) California Inst. of Tech.	9/56	12	Physical and chemical behavior of peptides and proteins
<u>HECKER, Erich Walter</u> , Scientific Asst., Max Planck Inst. for Biochemistry, Tuebingen	Germany	(R) U. of Wisconsin Medical Sch.	4/56	12	Cancer research
<u>HIRAI, Hidematsu</u> , Asst. Prof. Biochemistry, U. of Tokyo	Japan	(R) U. of Wisconsin	6/56	12	Pathological and chemical properties of serum protein in cancer
<u>IMAHORI, Kazutomo</u> , Asst. Prof. of Chemistry, Tokyo U.	Japan	(R) Harvard U.	4/56	12	Protein chemistry
<u>INGLEBY, Richard F. J.</u> , Res. Scholar in Chemistry, Cambridge U.	U. K.	(R) M. I. T.	10/56	12	Natural flavoring materials in raspberries and truffles
<u>JARNEFELT, Johan</u> , Res. Asst., Dept. of Medical Chemistry, U. of Helsinki	Finland	(R) U. of Wisconsin	10/56	10	Methodological techniques in research on enzymes
<u>JYSSUM, Kaare</u> , Asst. Physician, Rikshospitalet, Oslo	Norway	(R) Yale U. Medical Sch.	7/56	12	Immuno-chemistry
<u>KAWAKITA, Yukio</u> , Res. Fellow, Dept. of Neuropsychiatry, Faculty of Medicine, Kyushu U.	Japan	(R) U. of Illinois Coll. of Medicine	10/56	12	Biochemical properties of nerve cell components
<u>KIKUCHI, Goro</u> , Asst. Prof. of Biochemistry, Nippon Med. Sch., Tokyo	Japan	(R) U. of Chicago Medical Sch.	9/55	Ext. to 7/57	Blood proteins

B I O C H E M I S T R Y (cont.)

<u>VIGNAIS, Pierre Vital, Maître de Conférences, Lab. of Biochemistry Faculty of Medicine of Algiers</u>	France	(R) U. of California Sch. of Medicine, Los Angeles	3/57	12	Metabolism of brain cerebro-sides
<u>WARRINGA, Maria G. P. J. (F), Bio-chemist, Medical Biol. Lab., Nat'l. Defence Res. Council, Rijswijk</u>	Nether-lands	(R) Edsel B. Ford Inst. for Medical Research	5/56	12	Enzymology; the reverse re-action fumarate-succinate
<u>WIGGINS, Hugh Sidney, Res. Asst., Post-graduate Medical Sch. of London</u>	U. K.	(R) U. of Michigan Medical Sch.	9/55	Ext. to 1/57	Isolation of liver enzymes; their role in normal & abnormal metabolism
<u>WILLIS, Eric Douglas, Sr. Lect. in Bio-chemistry, St. Bartholomew's Hospital Medical Coll., London</u>	U. K.	(R & L) U. of Vermont Coll. of Medicine	8/56	12	Enzymes; digestion and ab-sorption of fats and carbo-hydrates
<u>YAMANOUCHI, Itsuro, Chief Pediatrician Okayama Nat'l Hospital, Okayama</u>	Japan	(R) State U. of New York Coll. of Medicine, Syracuse	9/55	Ext. to 9/57	Polarographic study of protein and its related compounds
<u>ZACHAU, Hans Georg, Res. Assoc., Max Planck Institut for Biochemistry Tuebingen</u>	Germany	(R) M. I. T.	9/56	14	Synthetical work on peptides and antibiotics

D E N T I S T R Y

<u>FUSAYAMA, Takao, Asst. Prof., Operative Dentistry, Tokyo Medical and Dental U.</u>	Japan	(R) Indiana U. Sch. of Dentistry	9/56	10	Restoration of caries defect
<u>MUMFORD, George, Lect. in Operative Dentistry, U. of Sydney</u>	Austra- lia	(R) Indiana U. Sch. of Dentistry	8/56	12	Construction of cast gold restorations

F O R E S T R Y

<u>BRANTSEG, Alf, Forest Res. Officer Div. of Silviculture and Yield Investi-gations, Norwegian Forest Res. Inst. Vollebekk</u>	Norway	(R) Oregon State Coll. (7-9/56); Coll. of Forestry, State U. of New York, Syracuse (9-12/56)	7/56	6	Experimental methods of silvi-culture and yield investi-gations
<u>LAURE, Guido, Tech. Asst., Forest Dept. Sicilian Region; Teacher, School of Forestry, Palermo</u>	Italy	(R) U. of California, Berkeley	1/57	6	Silviculture methods in Calif-ornia; lake construction for irrigation in mountains
<u>MOULDS, Francis Robert, Principal Victorian Sch. of Forestry, Creswick</u>	Austra- lia	(L) Louisiana State U. Coll. of Agriculture	2/57	6	Australian forest management and silviculture; forest products
<u>VORY, Jaakko Tapio, Dir. of Forest Work Study Sect., Assoc. of Finnish Woodworking Industries, Helsinki</u>	Finland	(R) U. of California Los Angeles	11/56	5	Application of scientific management to forestry

M A R I N E B I O L O G Y

<u>ALVARINO, Leira Angeles (F), Bio-logical Res., Spanish Inst. of Oceanography, Madrid</u>	Spain	(R) Woods Hole Oceanographic Inst.	9/56	9	Marine biology; zooplankton; esp. plankton indicator species
<u>CHRISTENSEN, Aage Moller, Teacher Niels Steensens Gymnasium, Copenhagen</u>	Denmark	(R) U. of Washington (6 mos.); Rutgers U. (6/55-12/56)	12/54	Ext. to 12/56	Biology of asteroids and the ecology of larval oysters

M E D I C I N E

<u>AUQUIER, Louis, Médecin des Hôpitaux de Paris</u>	France	(R) Stanford U. Medical Sch.	9/56	12	Experimental polyarthritis of rats
<u>BAGNALL, Howard James, Regional Neuro-surgical Registrar, Birmingham Hospitals Regional Board</u>	U. K.	(R) Harvard Medical Sch.	9/55	Ext. to 7/57	Neurosurgery
<u>BECK, Robert Neil, Sr. Tutor in Medicine, Queen's U., Belfast</u>	U. K.	(R) Tufts Coll. Medical Sch.	9/55	Ext. to 9/57	Endocrinology with reference to adrenal function and diabetes mellitus

## B I O C H E M I S T R Y (cont.)

<u>KIMURA, Yoshitami</u> , Asst. Prof. of Bacteriology & Immunology, Nippon Medical Sch., Tokyo	Japan	(R) Rheumatic Fever Res. Inst. Chicago	1/57	12	Chemical substance of anaphylaxis; studies of enzymes
<u>KUWABARA, Seishi</u> , Res. Assoc. In Neurochemistry, Dept. of Neuro-psychiatry, Kyushu U.	Japan	(R) U. of Wisconsin (Inst. of Enzyme Res.)	9/56	12	Generation of bioelectric potential; choline acetylase
<u>LECOQ, Jean</u> , Chargé de Recherches du C.N.R.S.; Faculty of Pharmacy, U. of Paris	France	(R) U. of California, Berkeley	9/55	Ext.to 10/57	Phosphoric esters
<u>LEONIS, José Emile</u> , Chef de Travaux & Prof., Sch. of Nursing, Brussels U.	Belgium	(R) U. of California, Berkeley	9/55	Ext.to 9/57	Proteins and peptides
<u>MARUO, Bunji</u> , Asst. Prof. of Enzymology, Inst. of Applied Microbiology, Tokyo U.	Japan	(R) Pennsylvania State U.	9/56	12	Metabolism of phosphate compounds in relation to photosynthesis
<u>MATTEI, Gilberto</u> , Res. Asst. In Chemistry, Faculties of Sciences & Medicine, U. of Florence	Italy	(R) Mt. Sinai Hospital New York	11/56	12	Physico-chemical work on monolayers
<u>MIETTINEN, Jorma Kalevo</u> , Asst. to Docent of Biochemistry, U. of Helsinki	Finland	(R) U. of California, Berkeley	9/56	4	Use of radiolabels in biological research
<u>MORGAN, Henry G.</u> , Lect. In Pathology and Clinical Biochemistry, U. of St. Andrews, Scotland	U. K.	(R) Johns Hopkins Medical Sch.	6/56	12	Calcium metabolism and skeletal function
<u>NAKAYAMA, Teishi</u> , Asst. Prof. of Biochemistry, Hokkaido U. Sch. of Medicine	Japan	(R) U. of Illinois	9/55	Ext.to 9/57	Lipids
<u>OLLEY, June Norma (F)</u> , Sr. Scientific Officer, Torry Res. Station, Aberdeen	U. K.	(R) U. of Washington	8/56	12	Biochemistry of lipids of salmon
<u>OTTO, Nikolaus</u> , Res. Asst., Physiological-chemical Inst., Bonn U.	Germany	(R) U. of Pennsylvania Sch. of Medicine	10/56	12	Steroid chemistry; sex hormones
<u>SATO, Kiyoo</u> , Lect. In Biochemistry Tokyo Jikeikai Sch. of Medicine	Japan	(R) U. of Wisconsin Medical Sch.	9/56	12	Ionexchange resin technique in isolating natural products
<u>SIMON, Helmut</u> , Scientific Asst. In Organic Chemistry, Tech. U., Berlin	Germany	(R) U. of California, Berkeley	9/56	9	Radioactive isotopes as tracers in biochemical research
<u>SPENCER, Brian</u> , Lect. In Biochemistry U. of Wales	U. K.	(R) Washington U. Sch. of Medicine, St. Louis, Mo.	6/56	12	Chemical aspects of a long term study of lung cancer
<u>STEYN-PARVE, Elizabeth Pauline (F)</u> Chief Scientific Officer, Lab. for Physiological Chemistry, U. of Utrecht	Netherlands	(R) U. of Wisconsin	8/56	12	Enzymology; electron transport in biological oxidation
<u>STICH, Hans</u> , Asst. In Biology, Max Planck Inst. for Marine Biology Wilhelmshaven	Germany	(R) Western Reserve U. Sch. of Medicine (9-12/55); U. of Wisconsin Sch. of Medicine (1/56-7/57)	9/55	Ext.to 7/57	Cytochemistry and spectrophotometry
<u>SWAIN, Tony</u> , Principal Scientific Officer, Low Temperature Res. Station Cambridge	U. K.	(R) U. of California Los Angeles	12/56	12	Biosynthesis of aromatic compounds in plants
<u>SZULMAJSTER, Huquette (F)</u> , Researcher Centre National de la Recherche Scientifique, Paris	France	(R) Nat'l. Inst. of Health	9/56	10	Enzymes
<u>TAKAHASHI, Hajime</u> , Asst. Prof. of Bacterial Enzymology, Tokyo U.	Japan	(R) Johns Hopkins U.	9/55	Ext.to 10/57	Nitrate reducing enzyme systems
<u>TAKAHASHI, Hitoshi</u> , Surgeon Minamata City Hospital	Japan	(R) U. of Wisconsin Sch. of Medicine	9/55	Ext.to 9/57	Clinical pathology
<u>TORRIANI, Annamaria (F)</u> , Res. Scholar In Biochemistry, Institut Pasteur Paris	Italy	(R) New York U. Coll. of Medicine	6/55	Ext.to 12/56	Physiology of bacteria

## M E D I C I N E (cont.)

<u>BELL, Shella Wilson (F)</u> , Registrar Dept. of Anaesthetics, Westminster Hospital, London	U. K.	(R) U. of Illinois Coll. of Medicine	6/56	12	Anaesthesia; cerebral activity
<u>BERGAN, Frank</u> , Asst. Prof. of Respiratory Physiology, Ullevål Hospital, Oslo	Norway	(R) U. of Minnesota Medical Centr. (1-4/57); U. of California Medical Centr., L.A. (5-6/57); U. of California Medical Centr., San. F. (7-8/57)	1/57	8	Thoracic surgery and respira- tory physiology
<u>BOULTON, Thomas Babington, Sr.</u> Registrar Dept. of Anaesthetics, St. Bartholomew's Hospital, Cambridge	U. K.	(R) U. of Michigan Sch. of Medicine	6/56	12	Aetiology and control of post- operative vomiting
<u>BRAIMBRIDGE, Mark Viney</u> , Registrar Ipswich and E. Suffolk Hospital, Ipswich	U. K.	(R) Stanford U. Sch. of Medicine	6/56	12	Surgery: operative extra corporeal circulation
<u>BRANDSTRUP, Niels</u> , Resident, Dept. of Internal Medicine, Blegdamshospitalet Copenhagen	Denmark	(R) Washington U. Sch. of Medicine, St. Louis, Mo.	8/56	9	Metabolism of arterial tissues
<u>BUECHERL, Emil</u> , Privatdozent in Surgery, U. of Goettingen	Germany	(R) U. of Colorado Sch. of Medicine	10/56	3	Cardiovascular surgery
<u>CABROL, Christian</u> , Assoc. Prof. of Anatomy, Faculty of Medicine, Paris	France	(R) U. of Minnesota Medical Sch.	9/56	10	Intra-cardiac surgery
<u>CALLE, Robert</u> , Res. Scholar, Curie Foundation, Paris	France	(R) Memorial Center for Cancer and Allied Diseases, N.Y.C.	9/56	10	Radiation therapy
<u>CASMAN, Jan</u> , Head, Dept. of Orthopedics City Hospital, Antwerp	Belgium	(R) Harvard Medical Sch.	9/56	3	Orthopedic surgery
<u>DAL SANTO, Gianfranco</u> , Res. Asst. Medical Clinic, Sassari	Italy	(R) U. of California, Berkeley	10/56	12	Application of radioactive iso- topes; therapeutical uses of radioactive elements
<u>DARDANONI, Luigi</u> , Special Asst. in Hygiene & Microbiology, U. of Palermo	Italy	(R) U. of Cincinnati Sch. of Medicine	9/56	6	Techniques of investigation of neurotropic viruses
<u>DONNER, Reynout</u> , Res. Assoc., Free U. of Amsterdam	Nether- lands	(R) Harvard Medical Sch.	6/56	12	Surgical pathology
<u>ELEK, Stephen Dyonis</u> , Reader in Bacteriology, U. of London; Bacteriologist St. George's Hospital	U. K.	(R) Harvard Medical Sch.	7/56	6	Hansen's disease: Investigation of the mycobacterium leprae murlum by means of tissue cul- ture methods
<u>EVANS, Ieuan Lynn, Sr.</u> Registrar, Surgi- cal Unit, St. Mary's Hospital, London	U. K.	(R) Baylor U. Coll. of Medicine	6/56	12	Vascular surgery
<u>FROMMHOLD, Walter</u> , Head Physician and Privatdozent, Dept. of Radiology, Free U. of Berlin	Germany	(R) Harvard Medical Sch.	1/57	6	Radiology: use of Isotopes
<u>GIACOMELLI, Virgilio</u> , First Asst. Surgery Section, Nat'l. Inst. for Cancer Research and Therapy, Milan	Italy	(R) Columbia U. Coll. of Physicians and Surgeons	12/56	6	Cancer; oncology; surgical techniques of biliary system
<u>GOUIN, Jean-Loie</u> , Chef de Clinique Faculté de Médecine de Paris	France	(R) Washington U. Sch. of Medicine, St. Louis, Mo.	10/56	10	Surgery: plastic and orthopedic
<u>GRELLET, Maurice</u> , Stomatologiste des Hôpitaux de Paris, Faculté de Médecine de Paris	France	(R) Manhattan Eye, Ear & Throat Hospital (1-2/57); U. of Michigan Sch. of Medicine (3-4/57)	1/57	4	Stomatology: facial plastic and oral surgery
<u>HAAGENRUD, Aage</u> , Dir. of the Student Health Service, Oslo U.	Norway	(R) U. of Kansas	8/56	4	Public health
<u>HATTORI, Ken'ichi</u> , Lect., First Medical Clinic, Kyushu U. Medical Sch.	Japan	(R) U. of Pittsburgh Sch. of Medicine	9/56	12	Therapeutic and cytological study of leukemias
<u>HAYASHI, Hideo</u> , Prof. of Pathology Mie Prefectural U.	Japan	(R) Cornell U. Medical Sch.	9/56	12	Pathogenesis of rheumatic fever

## M E D I C I N E (cont.)

<u>HELPS, Edmund Peter Wycliffe</u> , Medical Registrar, U. Coll. Hospital, London	U. K.	(R) Johns Hopkins Medical Sch.	7/56	12	Haemodynamics and natural history of collagen arterial disease
<u>HOEFER, Rudolf</u> , Resident, Internal Medicine, Medical Clinic, Vienna	Austria	(R) U. of California Medical Sch., San Francisco	9/56	3	Applications of radioactive isotopes to diagnosis and therapy of malignant diseases
<u>IDE, Genshiro</u> , Instr. In Pathology Chiba U. Sch. of Medicine	Japan	(R) Washington U. Sch. of Medicine, St. Louis, Mo.	3/56	12	Patho-morphological research on lung cancer
<u>IMERSLUND, Olga (F)</u> , First Asst. In Pediatrics, Rikshospital, Oslo	Norway	(R) Harvard Medical Sch.	9/56	10	Children's diseases, especially diabetes
<u>JØRGENSEN, Hans Ejilf</u> , Physician - City Hospital of Copenhagen	Denmark	(R) U. of Rochester Sch. of Medicine	6/56	12	Urology
<u>KAKEHI, Hirotake</u> , Prof. of Radiology Chiba U., Tokyo	Japan	(R) Oak Ridge Inst. of Nuclear Studies (9/55-9/56); U. of Chicago Med. Sch. (10/56-3/57); Brookhaven Nat'l. Lab. (4-7/57)	9/55	Ext. to 7/57	Application of radio-isotopes and protection from radiation hazards
<u>KING, Ronald Charles, Sr.</u> , Medical Registrar, St. Bartholomew's Hospital, London	U. K.	(R) U. of Michigan Sch. of Medicine	7/56	12	Internal medicine; gastro-enterology
<u>KURAMOTO, Kiyoshi</u> , Lect., Clinical Medicine, Hiroshima U. Medical Sch.	Japan	(R) U. of California, L.A. (8/54-9/55); City of Hope Medical Center Duarte (9/55-6/57)	8/54	Ext. to 6/57	Cardiovascular diseases
<u>KURATSUNE, Masanori</u> , Asst. Prof. of Public Health, Kyushu U.	Japan	(R) Nat'l. Cancer Inst., Insts. of Health, Bethesda, Md.	8/55	Ext. to 8/57	Carcinogens in oils, coal tars and similar materials
<u>KUROYANAGI, Takeo</u> , Instr., Dept. of Internal Medicine, Tokyo U. Medical Sch.	Japan	(R) U. of Buffalo Sch. of Medicine	6/56	12	Clinicopathological studies of atherosclerosis
<u>LUZ, Fernando Freire de Carvalho</u> , Assoc. Prof., Surgery, Faculty of Medicine, U. of Bahia	Brazil	(R) Cornell U. Medical Sch.	11/56	6	Cardiovascular surgery; American teaching methods
<u>LYON, Gilles</u> , Chef de Clinique Faculté de Médecine de Paris	France	(R) Harvard Medical Sch.	9/56	10	Neuropathology
<u>MARCHI, Paola (F)</u> , Res. Asst., Inst. of Path., Histology and Anatomy, U. of Florence Medical Sch.	Italy	(R) Harvard Medical Sch.	9/56	10	Antidiuretic studies
<u>MASSE, Paul</u> , Asst. In Orthopedics Hospital Bretonneau, Paris	France	(R) Hospital for Special Surgery, N. Y. C.	11/56	3	Orthopedics; surgery of spastic children
<u>MURATORE, Raymond M. A.</u> , Asst. Prof. Faculty of Medicine, Marseilles U.	France	(R) Chicago Medical Sch.	10/56	12	Pathology of hematopoietic tissues
<u>MURPHY, Edmond Anthony</u> , Clinical Res. Asst., Hammersmith Hospital, N. Ireland	U. K.	(R) Johns Hopkins Medical Sch.	6/56	12	Various aspects of hypertension and other chronic diseases
<u>OGAWA, Ichiro</u> , Asst., Dept. of Ophthalmology, Niigata Sch. of Medicine	Japan	(R) Ohio State U. Coll. of Medicine	6/56	12	Ophthalmology; problem of isolated tendency of syphilitic optic atrophy in parenchymatous neurosyphilis
<u>PACHE, Hans-Dietrich</u> , Head Physician & Privatdozent, Children's Clinic, U. of Munich	Germany	(R) Harvard Medical Sch.	4/57	6	Treatment of epilepsy
<u>PALAZZI-MOSCOSSO, Hugo</u> , Asst., Surgical Clinic, Sch. of Medicine, Cochabamba	Bolivia	(R) Harvard Medical Sch.	7/55	Ext. to 7/57	Thoracic and cardiovascular surgery
<u>PANETH, Matthais</u> , Sr. Registrar in Thoracic Surgery, Brompton Hospital, London	U. K.	(R) U. of Minnesota Medical Sch.	6/56	12	Cardiac surgery
<u>PARISEL, Fernand</u> , Medical Director Inst. Hello-Marin, Flanders	Belgium	(R) Sea View Hospital Staten Island, N. Y.	10/56	3	Orthopedic surgery

M E D I C I N E (cont.)

<u>PIRODDA, Ettone</u> , Full Prof. of Rhino-Laryngology, U. of Cagliari	Italy	(R) Harvard U.	3/57	3	Surgery for deafness
<u>REUSSE, Ulrich</u> , Scientific Asst., Inst. of Tropical Diseases, Hamburg	Germany	(R) Michigan State U.	1/57	6	Brucellosis (undulant fever)
<u>SCHJØTT, Carsten Rindom</u> , Physician & Asst. Prof., Inst. for General Pathology, U. of Copenhagen	Denmark	(R) U. of Rochester Sch. of Medicine & Dentistry	6/55	Ext. to 7/57	Virus diseases with reference to tissue culture
<u>SCHMITT, Albrecht</u> , Lect. in Gynecology Women's Clinic, U. of Cologne	Germany	(R) Harvard Medical Sch. (6-10/56); Temple U. Sch. of Medicine and Hospitals (10/56-4/57)	6/56	10	Gynecology; cytology and colposcopy - cancer research
<u>SCHWEISGUTH, Odile (F)</u> , Chief Pediatric Ward, Inst. G. Roussy Villejuif	France	(R) Harvard U. Medical Sch.	12/56	3	Cancer in children: radiological and biological diagnosis and treatment
<u>SCOTT, George Walter</u> , Medical Registrar, Guy's Hospital, London	U. K.	(R) Johns Hopkins U. Medical Sch.	9/56	12	Thyroid disease and "Diabetes Mellitus"
<u>SISTERON, Alain</u> , Interne des Hôpitaux de Lyon	France	(R) Baylor U. Sch. of Medicine	8/56	10	Vascular surgery
<u>SJØRENSEN, Lelf Borge</u> , Physician Copenhagen Municipal Hospital	Denmark	(R) Washington U. Sch. of Medicine (1/55-7/56); U. of Chicago Medical Sch. (7/56-9/57)	1/55	Ext. to 9/57	Gerontology; metabolism of arterial tissues
<u>SRIVASTAVA, Sarda Prasad</u> , Prof. of Surgery, Agra Medical Coll.	India	(R) Memorial Center for Cancer and Allied Diseases, N.Y.C.	10/56	12	Surgery
<u>STAIB, Ingolf J.</u> , Asst. in Medicine U. of Heidelberg	Germany	(R) State U. of New York, Upstate Medical Center, Syracuse	8/56	12	Cardiovascular research
<u>THIRY, Simon</u> , Asst. Resident, U. of Liege	Belgium	(R) Harvard Medical Sch.	8/56	12	Neurosurgery
<u>TOBIASSEN, Tobias</u> , Asst. Surgeon Rigshospitalet, Blegdamsvej	Denmark	(R) U. of Michigan Sch. of Medicine	12/56	12	General surgery
<u>TOLEDO, Anisio Costa</u> , Asst. Prof. Surgical Technique and Experimental Surgery, St. Paulo U. Medical Sch.	Brazil	(R) Columbia U. Coll. of Physicians and Surgeons	9/56	8	Surgery; thyroid
<u>WADA, Sunao</u> , Prof. of Internal Medicine, Hiroshima U. Medical Sch.	Japan	(R) U. of Texas Postgraduate Sch. of Medicine	10/56	12	Tuberculosis, esp. pulmonary
<u>WALKER, William Farquhar</u> , Lect. in Surgery, St. Andrew's U., Dundee Scotland	U. K.	(R) Harvard Medical Sch.	9/56	12	Radioactive isotopes in surgical research
<u>WINKLER, Cuno</u> , Chief, Isotopes Dept. Surgical Clinic, Bonn	Germany	(R) Oak Ridge Inst. of Nuclear Studies	2/57	3	Radiobiology: application of radioactive isotopes to cancer research
<u>ZAKI, Fouad George</u> , Lect., Faculty of Science, U. of Cairo	Egypt	(R) U. of Minnesota	1/56	Ext. to 7/57	Cancer research

M I C R O B I O L O G Y

<u>BEUZEVILLE, Ferro Carlos</u> , Investigator Inst. de Biologia Andina, Lima	Peru	(R) Bryn Mawr Coll.	9/56	10	Natural resistance to infectious diseases
<u>BROSTOFF, Daniel Victor</u> , Res. Scholar Imperial Coll., London	U. K.	(R) U. of Southern California	12/56	12	Bacterial metabolism
<u>CAESAR, Rudolf</u> , Asst. in Anatomy U. of Kiel	Germany	(R) Albany Medical Coll. of Union U.	5/56	12	Electronmicroscopy and virus preparation techniques
<u>GHODA, Akira</u> , Sr. Assoc. in Bacteriology Kitasato Inst., Tokyo	Japan	(R) Yale U. Sch. of Medicine	9/55	Ext. to 9/57	Serology of Escherichia K <sub>12</sub> coli mutants
<u>GRAY, David Francis</u> , Assoc. Prof. of Bacteriology, U. of Melbourne	Australia	(R) Rockefeller Inst. for Medical Research	8/56	5	Fundamental mechanisms of immunity against tuberculosis



M I C R O B I O L O G Y (cont.)

<u>HOLTERMANN, Ole Anton</u> , Asst. Physician Oslo Military Hospital	Norway	(R) U. of Rochester Sch. of Medicine and Dentistry	7/56	12	Virology
<u>KATSUTA, Keiichi</u> , Instr. in Internal Medicine, Kyushu U.	Japan	(R) Medical Coll. of Virginia Richmond	8/55	Ext. to 7/58	Viral diseases
<u>KEE, Ryong Sook</u> , Prof. of Microbiology Seoul Nat'l. U.	Korea	(R) U. of Pittsburgh (3-7/56); U. of California, Berkeley (8/56-1/57)	3/56	10	Bacteriology; vaccine and serological production
<u>KLEIN, Paul G.</u> , Res. Assoc., Inst. for Hygiene & Microbiology, Medical Academy, Duesseldorf	Germany	(R) Cornell U. Medical Coll.	10/56	12	Immunological approach to rheumatic fever
<u>KOIKE, Masaatsu</u> , Instr. in Bacteriology Kyushu U. Sch. of Medicine	Japan	(R) U. of Pennsylvania Sch. of Medicine	8/56	12	Relation between intercellular structures of tubercle bacil- lus and its metabolism
<u>MEHROTRA, Brahma</u> , Lect. in Botany U. of Allahabad	India	(R) Northern Utilization Res. Branch (U.S. Dept. of Agriculture) Peoria, Ill.	11/56	8	Isolation and purification of antibiotics from moulds; cul- tures and fungi
<u>ØRSKOV, Frits</u> , Res. Asst. in Bacteri- ology, State Serum Inst., Copenhagen	Denmark	(R) U. of Wisconsin	10/56	12	Bacterial genetics
<u>ØRSKOV, Ida (F)</u> , Res. Asst. in Bacteri- ology, State Serum Inst., Copenhagen	Denmark	(R) U. of Wisconsin	10/56	12	Techniques of genetical research
<u>PLUS, Nadine (F)</u> , Chargée de Re- cherches, Centre Nat'l. de la Recherche Scientifique, Paris	France	(R) U. of Nebraska	9/56	6	Purification of Drosophila virus by density-gradient cen- trifugation method
<u>POHJANPELTO, Pirkko (F)</u> , Asst. in Bacteriology, U. of Helsinki	Finland	(R) California Inst. of Tech.	9/56	12	Quantitative aspects of animal virology
<u>SINGH, Kunwar</u> , Lect. in Zoology Lucknow U.	India	(R) U. of Chicago	11/56	8	Physiology of Immunity in helminthic infections
<u>TERRANOVA, Tullio</u> , Asst., Inst. of Pathology, U. of Palermo	Italy	(R) U. of Chicago	2/57	12	Adaptive enzyme formation in bacteria
<u>WEIGAND, Heribert</u> , Res. Asst. in Neurology & Psychiatry, U. of Cologne Sch. of Medicine	Germany	(R) Albany Medical Coll. of Union U.	10/56	12	Virus diseases

P H A R M A C O L O G Y

<u>CREESE, Richard</u> , Lect. in Physiology London Hospital Medical Coll.	U. K.	(R) U. of California Sch. of Medicine, Los Angeles	12/54	Ext. to 12/56	Rate of paralysis of muscle relaxants
<u>KASE, Yoshitoshi</u> , Asst. Prof. of Pharma- cology, Kumamoto U. Sch. of Medicine	Japan	(R) U. of Utah Coll. of Medicine	9/56	12	Determination of locus of cough center; mechanisms of elimina- ting effect of electro-shock
<u>NOACH, Erik L.</u> , Sci. Staff Member, Phar- macological Lab., U. of Leiden	Nether- lands	(R) U. of Utah Coll. of Medicine	4/56	12	Experimental pharmacology of nervous system
<u>OKADA, Masashi</u> , Res. Fellow, Pharmaceu- tical Chemistry, Iatrochemical Inst. of Pharmacological Res. Fdn., Tokyo	Japan	(R) Memorial Center for Cancer and Allied Diseases, N.Y.C.	9/56	12	Cardiotonic component of leaves of digitalis purpurea
<u>PAASONEN, Matti Kustaa</u> , Res. Asst. U. of Helsinki	Finland	(R) Yale U. Sch. of Medicine (11/55- 11/56 9/56); Harvard Medical Sch. (9/56-7/57)	11/56	Ext. to 7/57	Pharmacological research
<u>TANABE, Tsuneyoshi</u> , Prof. of Pharma- cology, Sapporo Medical Coll.	Japan	(R) U. of Michigan Medical Sch.	9/56	6	Alteration of drug effects and habituations produced by drugs
<u>VENTURI, Vittorio</u> , Asst. Prof. of Phar- macology, U. of Pavia Sch. of Medicine	Italy	(L) U. of Wisconsin	9/56	10	Cardio-active drugs

P H Y S I O L O G Y

<u>ADAMS, Aileen Kirkpatrick</u> , Sr. Registrar in Anaesthesia, Franchay Hosp., Bristol	U. K.	(R) Massachusetts Gen. Hospital	6/55	Ext. to 1/57	Cardio-respiratory regulation
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## P H Y S I O L O G Y (cont.)

<u>ALIHU, Nicole (F)</u> , Pharmacist Centre National de la Recherche Scientifique, Paris	France	(R) Oak Ridge Nat'l. Lab.	9/56	10	Radiobiology
<u>ANDREW, John</u> , Chief Asst., Dept. of Neurological Surgery, St. Bartholo- mew's Hosp., St. Albans	U. K.	(R) U. of Illinois Sch. of Medicine	10/56	12	Nervous control of secretions from the trachea and bronchi
<u>ARIMURA, Akira</u> , Grad. Scholar in Physiology, Nagoya U. Sch. of Medicine	Japan	(R) Yale U. Sch. of Medicine	6/56	12	Effect of the posterior pitu- lary hormone on the release of ACTH
<u>CERF, Jean Armand</u> , Chargé de Re- cherches du Fonds National de Recherches Scientifiques, U. of Brussels	France	(R) U. of Illinois Coll. of Medicine	9/55	Ext. to 9/57	Neurophysiology; electro- encephalographic conditioning in a variety of animals
<u>CORABOEUF, Edouard</u> , Chargé de Re- cherches, Centre National de la Recherche Scientifique, Paris	France	(R) U. of Southern California Los Angeles	12/56	12	Relation between electrical and mechanical activities in heart ventricular and auricular muscles
<u>DE BELLA, Gregorio</u> , Asst. Prof., Dept. of Human Physiology, Naples U.	Italy	(R) Yale U. Sch. of Medicine	9/55	Ext. to 1/57	Placental metabolic exchanges
<u>DROOGLEEVER FORTUYN, Jan</u> , Prof. of Neurology, State U. of Groningen	Nether- lands	(L) U. of Michigan Sch. of Medicine	1/57	7	Comparative neurology; clinical neurophysiology
<u>EAYRS, John Thomas</u> , Lect. in Neuroanatomy, U. of Birmingham Medical Sch.	U. K.	(R) California Inst. of Tech.	6/56	12	Nerve specificity in foetal mammals or in pouch young of marsupials
<u>HECHT, Eugen Richard</u> , Res. Assoc. Internal Dept., & Chief, Blood Coagu- lation Dept., U. Hosp., Utrecht	Nether- lands	(R) Wayne State U. Coll. of Medicine, Detroit	9/56	12	Blood coagulation
<u>KAWAKAMI, Masazumi</u> , Asst. Prof. of Physiology, Kobe Medical Coll.	Japan	(R) U. of Minnesota Medical Sch. (55-56); U. of California Sch. of Medicine, L. A. (56-57)	8/55	Ext. to 9/57	Experiments on the hypothalamic- cortical discharge
<u>LAMBERG, Bror-Axel</u> , Asst. Physician U. of Helsinki Medical Clinic	Finland	(R) Harvard Medical Sch.	9/56	6	Thyroid physiology
<u>LANGHAM, Maurice Edward</u> , Researcher for Medical Res. Council, Inst. of Ophthalmology, London	U. K.	(R) Harvard Medical Sch.	6/56	12	Ophthalmology: aqueous humor and the cornea
<u>MARINOSCI, Antonio</u> , Voluntary Asst. Istituto di Semelotica, U. of Rome	Italy	(R) U. of Oregon Medical Sch.	10/56	6	Endocrinology
<u>MIYAKAWA, Kiyoshi</u> , Asst. Prof. of Physiology, Shinshu U. Medical Sch.	Japan	(R) U. of Tennessee Sch. of Medicine	9/56	12	Gastrointestinal motility, pressures within the digestive tract and abdominal cavity
<u>MURAO, Makoto</u> , Chief Asst., Dept. of Internal Medicine, Tokyo U.	Japan	(R) The Mayo Foundation	6/56	12	Respiratory pathophysiology in chronic pulmonary diseases
<u>NISIMARU, Yasuyoso</u> , Prof. of Physiology Sch. of Medicine, Hiroshima U.	Japan	(R) U. of Illinois	11/56	10	Transport of gases across the intestinal membranes at various low altitudes
<u>OTANI, Takuzo</u> , Prof. of Physiology Kyoto U.	Japan	(R) U. of California Los Angeles	9/56	12	Function of the spinal cord, transmission of nerve impulses across the junctional region of two neural elements
<u>PAINTAL, Autar Singh</u> , Assoc. Prof. and Asst. Dir., Vallabhbhai Patel Chest Inst., Delhi U.	India	(R) Albert Einstein Coll. of Medicine of Yeshiva U., N.Y.C.	9/56	12	Spinal cord reflexes
<u>PORTER, Kendrick A.</u> , Lect. in Path- ology, St. Mary's Hosp., London	U. K.	(R) Harvard Medical Sch.	10/56	12	Experimental renal homotrans- plantation in dogs
<u>RATTENBORG, Christian C.</u> , Asst. Physician, Dept. of Anesthesia Bispebjerg Hosp., Ballerup	Denmark	(R) Columbia U. Coll. of Physicians and Surgeons	11/56	12	Respiratory physiology and problems in anesthesia

P H Y S I O L O G Y (cont.)

<u>RITCHIE, Joseph M.</u> , Member, Scientific Staff, Medical Res. Council, Nat'l. Inst. for Medical Res., London	U. K.	(R S L) Albert Einstein Coll. of Medicine of Yeshiva U., N.Y.C.	9/56	12	Physiology and pharmacology of non-medullated sensory fibres in heart and lungs
<u>ROBINSON, Kathleen West (F)</u> , Lect. in Physiology, U. of Queensland	Australia	(R) Boston U.	2/57	10	Physiological and biochemical aspects of hormone research
<u>SAVOIE, Jean-Claude</u> , Attaché de Recherche a l'Institut National d'Hygiene, Paris	France	(R) Albert Einstein Coll. of Medicine of Yeshiva U., N.Y.C.	8/56	10	Endocrinology and metabolism with isotopic tracers
<u>SETNIKAR, Ivo</u> , Asst. Prof. of Physiology, U. of Milan	Italy	(R) Yale U. Sch. of Medicine	10/56	12	Mechanism of breathing in the newborn
<u>SHEPARD, Roy Jesse</u> , Medical Officer Royal Air Force Inst. of Aviation Medicine, Farmborough	U. K.	(R) U. of Cincinnati Coll. of Medicine	8/56	12	Pulmonary function under conditions of air pollution
<u>STOKSTED, Poul</u> , Asst. Physician Rigshospitalet, Copenhagen	Denmark	(R) Washington U. Sch. of Medicine, St. Louis	11/56	4	Pulmonary and nasal physiology
<u>WALGREN, Lars Henrik</u> , Physiologist Physiology Lab., State Alcohol Monopoly, Helsinki	Finland	(R) U. of Texas (9/56-1/57); Medical Coll. of Virginia Richmond (1-6/57); Yale U. (Summer 1957)	9/56	10	Action of alcohol in the nervous system

P L A N T S C I E N C E

<u>BARUAH, Hitendra K.</u> , Head, Dept. of Botany, Gauhati U.	India	(R) U. of Wisconsin	11/56	5	Teaching of botany
<u>BRODFUHRER, Ursula (F)</u> , Scientific Asst., Botanical Garden, U. of Koeln	Germany	(R) California Inst. of Tech.	1/56	12	Effect of ultraviolet radiation on the growth of plants
<u>CROWE, Leslie Katrina (F)</u> , Scientific Officer, John Innes Horticultural Inst., Bayfordbury, Herts	U. K.	(R) Indiana U.	9/56	12	Genetics study of nuclear cytoplasmic interaction in Coprinus lagopus
<u>FLENTJE, Noel Thomas</u> , Sr. Plant Pathologist, Waite Res. Inst. Adelaide, S.A.	Australia	(R) U. of Wisconsin	9/56	5	Ecology and parasitism of a high temperature strain of Rhizoctonia
<u>GRANITI, Antonio</u> , Asst. in Plant Pathology, Catania U.	Italy	(R) U. of California, Berkeley (1-4/57); California Inst. of Tech. (5-6/57)	1/57	6	Diseases of citrus trees
<u>HAMAWI, Hassan Abd El Kader El</u> , Plant Nutrition and Soil Fertility Specialist, Chemical Sect., Ministry of Ag., Orman	Egypt	(R) U. of California, Berkeley	10/56	10	Plant nutrition and soil fertility
<u>HEGARTY, Mervyn Patrick Warwick</u> , Res. Officer, G.S.I.R.O., Div. of Plant Industry, Brisbane	Australia	(R) Cornell U.	8/56	12	Nitrogen metabolism in plants using chromatographic techniques
<u>IWAMURA, Tatsulchi</u> , Dept. Asst., Plant Physiology, Tokyo U.	Japan	(R) U. of Texas, Austin	9/56	12	Algal metabolism
<u>JONES, Lloyd Hugh Parker</u> , Sr. Res. Officer, C.S.I.R.O., Div. of Plant Industry, Melbourne	Australia	(R) U. of California, Berkeley	8/56	10	Plant nutrition: the nutrient elements molybdenum and manganese
<u>MEHRA, P. Nath</u> , Head, Dept. of Botany, Punjab U., Amritsar	India	(R) Stanford U.	10/56	8	Cytology and morphology of liverworts, pteridophytes and gymnosperms
<u>PATON, Dugald Maxwell</u> , Lect. and Res. in Physiology, U. of Tasmania	Australia	(R) California Inst. of Tech.	9/56	12	Growth of plants under controlled conditions
<u>ROHRINGER, Roland</u> , Postdoctoral Fellow, Plant Pathology Inst., U. of Goettingen	Germany	(R) U. of Wisconsin	9/56	12	Plant pathology and biochemistry: disease resistance in plants

PLANT SCIENCE (cont.)

<u>STOLWIJK, Jozef</u> , Resident Biophysicist, Lab. for Plant Physiological Research, Wageningen	Netherlands	(R) Harvard U.	1/56	12	Plant physiology: effect of growth substances and of light on plant growth
<u>TURNER, Elizabeth Mabel Compton</u> (F), Demonstrator, Dept. of Botany, Oxford U.	U. K.	(R) California Inst. of Tech.	9/56	12	Phytopathology (Mycology): physiology of fungi
<u>YAMAKI, Toshio</u> , Asst. Prof. of Biology, Tokyo U.	Japan	(R) Harvard U.	9/55	Ext.to 7/57	Study of auxin

PSYCHIATRY

<u>DAVIS, David</u> , Registrar in Psychiatry, South Ockendon Hosp., Essex	U. K.	(R) Washington U. Sch. of Medicine, St. Louis	9/55	Ext.to 9/57	Neuropsychiatry
<u>MAJORANA, Angelo</u> , M.D. and Libero Docente of Psychiatry, U. of Catania	Italy	(R) New York State Psychiatric Inst., N. Y. C.	11/56	6	Clinical and comparative psychology

ZOOLOGY

<u>BLUNCK, Hans</u> , Prof. & Dir., Inst. for Study of Plant Diseases, U. of Bonn	Germany	(R) U. of California, Berkeley	8/56	3	Mass multiplication of harmful insects
<u>BONE, Edouard Louis</u> , Lect. in Biology & Anthropology, Faculté St. Albert Louvain	Belgium	(R) Am. Museum of Natural History (9-10/56; Harvard U. (10-12/56)	8/56	3	Collections of African fossil mammal fauna
<u>BRADEN, Allan Walter Horace</u> , Res. Scholar, Inst. of Animal Genetics Edinburgh, Scotland	Australia	(L) Albert Einstein Coll. of Medicine of Yeshiva U., N.Y.C.	10/56	9	Problems related to fertilization
<u>DEMEUSY, Noelle</u> (F), Attachée, Natl. Center Sci. Research, Nancy	France	(R) Harvard U.	4/56	Ext.to 1/57	Endocrinology of crustaceans - role of neurosecretory cells of eyestalks
<u>FORSTER, Raymond R.</u> , Asst. Dir. and Zoologist, Canterbury Museum Christchurch	New Zealand	(L) Harvard U. (Museum of Comparative Zoology)	8/56	6	Arachnids
<u>MARKMARK, Wilhelm</u> , Asst. Prof. of Anatomy, U. of Oslo	Norway	(R) U. of Minnesota Medical Sch.	9/54	Ext.to 12/56	Neurology: experimental embryology
<u>ITO, Toshio</u> , Res. Fellow, Nat'l. Sericultural Experimental Station; Head, Lab. of Biochemical Genetics, Tokyo	Japan	(R) U. of Illinois	9/55	Ext.to 3/57	Physiology and genetics of silkworm
<u>MADSEN, Holger</u> , Sr. Res. Officer Danish Game Biology Res., Copenhagen	Denmark	(R) Kansas State Coll. (2-10/56); Cornell U. (10/56-10/57)	2/56	Ext.to 10/57	Parasitology: study of syngamus trachea
<u>MIRZA, Mohammed Baber</u> , Head, Dept. of Zoology	India	(R) U. of Illinois	10/56	8	Nematology
<u>MITTELSTAEDT, Horst</u> , Res. Assoc. in Animal Physiology, Max-Planck Inst. for Physiology, Wilhelmshaven	Germany	(R) Tufts U.	8/56	12	Animal behavior: analysis of sensory-motor coordination in insects
<u>PUGNO, Sandra L.</u> (F), Asst., Dept. of Zoology, U. of Milan	Italy	(R) Yale U.	9/55	Ext.to 9/57	Vertebrate embryology; cytochemistry and experimental morphology
<u>SAXENA, Kailash Narain</u> , Lect. in Zoology, U. of Delhi	India	(R) Johns Hopkins U.	10/56	8	Experimental entomology
<u>SCHWINK, Ilse</u> (F), Res. Asst. in Biochemical Genetics, Zoologisch-verglantomisches Inst., U. of Zurich	Germany	(R) Albert Einstein Coll. of Medicine of Yeshiva U. (1-10/56); New York U. Coll. of Medicine (10/56-10/57)	1/56	Ext.to 10/57	Biochemistry of insects
<u>ZEUTHEN, Erik</u> , Assoc. Prof. and Res. Sch., Zoophysiological Lab. U. of Copenhagen	Denmark	(R) U. of California, Berkeley	6/56	12	Cellular physiology

OTHER SCHOLARS IN THE BIOLOGICAL SCIENCES

(These scholars received grants during the current year and after completion of their projects have returned home.)

BARKER JØRGENSEN, Carl C. B.

Lect. in Physiology & Res. Scholar, U. of Copenhagen, Denmark

BLAKELY, Eric Robert

Radiologist in Specialist Practice Sydney U., Australia

BUGARD, Pierre Joseph

Attache, Hospital Laennec, Paris, France

D'AMATO, Francesco, (Italy), Formerly

Prof. of Botany and Genetics, U. of Paris, France

OUTREIX, Jean

Res. Asst., Institut G. Roussy, Paris, France

LACHNIT, Vinzenz P.

Asst. Prof. of Internal Medicine  
Second Medical Clinic of the U. of Vienna, Austria

LANGMAN, Jan

Asst. Prof. of Anatomy, Free U. of Amsterdam, Netherlands

LØKEN, Astrid (F)

Curator, Zoological Museum, U. of Bergen, Norway

LORENZ, Werner

Head Physician and Privatdozent and Head of Radio Therapy, U. of Mainz, Germany

O'MEYER, Roger

Head, Dept. of Orthodontics, Ecole Odontologique de France, France

RIZZI, Italo

Prof. of Pathology, U. of Bari, Italy

TRAMPUSCH, Heinrich Arthur Leo

Head, Div. of Experimental Morphology, Anatomy, Embryology Lab., U. of Amsterdam Netherlands

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VISITING SCHOLARS IN THE PHYSICAL SCIENCES

Academic Year 1956-57

<u>Name and Position in Home Country</u>	<u>Country</u>	<u>Host Institution</u>	<u>Date of Arrival</u>	<u>No. of Months in U. S.</u>	<u>Field of Specialization and Other Interests</u>
<u>A S T R O N O M Y   A N D   A S T R O P H Y S I C S</u>					
<u>HACK, Margherita (F)</u> , Lect. in Astrophysics, U. of Milan	Italy	(R) U. of California, Berkeley	12/56	8	Comparison of Cepheids population II and population I
<u>MAXWELL, Alan</u> , Asst. Lect. in Physics, Manchester U.	U. K.	(R) Harvard U. (Observatory)	8/55	Ext. to 11/57	Solar radio astronomy and influence of sun on earth's atmosphere
<u>OMHOLT, Anders Kristian</u> , Res. Scholar Queen's U., Belfast	Norway	(R) U. of Chicago (Yerkes Observatory)	7/56	12	Astrophysics: aurora borealis
<u>PLAUT, Lukas</u> , Sci. Officer, Kapteyn Astronomical Lab., U. of Groningen	Netherlands	(R) Calif. Inst. of Tech. (Mt. Wilson & Palomar Observatories)	4/56	8	Astronomical observation: variable stars
<u>SYKES, Avril Barbara (F)</u> , Demonstrator in Astronomy, Oxford U.	U. K.	(R) U. of Chicago (Yerkes Observatory)	9/56	12	To gain experience in using 100-inch telescope
<u>UNNO, Wasaburo</u> , Asst. Prof. of Astronomy, Tokyo U.	Japan	(R) Princeton U. (Observatory)	9/56	12	Spectroscopic and photometric observations
<u>C H E M I S T R Y</u>					
<u>AKAMATU, Hideo</u> , Prof., Dept. of Chemistry, Tokyo U.	Japan	(R) U. of Chicago (11-12/56); U. of Buffalo (1-8/57)	11/56	12	Chemical thermodynamics; colloid chemistry; semi-conduction
<u>ANASTASI, Ada (F)</u> Vice-Dir., Dept. of Analytical Chemistry, "Farmitalia" Pharmaceutical Co., Milan	Italy	(R) U. of Minnesota	9/56	12	Physical methods in chemical, pharmaceutical & pharmacological analysis
<u>ALLEN, Roy Lance</u> , Res. Scholar, Bristol U.	U. K.	(R) U. of Indiana	11/56	12	Rate processes in inorganic solids
<u>BAUER, Henry Hermann</u> , Teaching Fellow Dept. of Chemistry, U. of Sydney	Australia	(R) U. of Michigan	8/56	12	Polorographic studies of organic compounds
<u>BEETS, Hans Paul</u> , Res. Asst. in Organic Chemistry, U. of Leiden	Netherlands	(R) Calif. Inst. of Tech. (9/55-9/56); Yale U. (9/56-6/57)	9/55	Ext. to 6/57	Organic chemistry
<u>BERGER, Hans</u> , Chief Asst., Chemistry Dept., U. of Leiden	Netherlands	(R) Duke U.	3/56	12	Synthesis of benzo-quinolizium compounds
<u>BOSE, A Jay Kumar</u> , Lect., Chemistry Dept., Indian Inst. of Tech., Kharagpur	India	(R) U. of Pennsylvania	9/56	12	Synthetic organic chemistry
<u>BILLET, Denise (F)</u> , Res., Nat'l. Center for Sci. Research, Paris	France	(R) M. I. T.	9/56	12	Synthesis of new compounds
<u>BRENDEL, Gottfried</u> , Teaching Asst. in Chemistry, Technical U., Munich	Germany	(R) U. of Southern California	2/56	12	Exploration of the boron hydrides
<u>CHATTERJEE, Dharendra Nath</u> , Asst. Prof. of Chemistry, Krishnagar Govt. Coll. Krishnagar	India	(R) Cornell U.	7/56	12	Synthesis of polynuclear carcinogenic hydrocarbons and relative oxygenate structures
<u>DUBOIS, Jacques</u> , Dean of the Science Faculty, Saar U.	France	(R & L) Columbia U.	8/56	4	Research on ion-catalyzed reactions
<u>EL-ABBADY, Abdel Mohsen Fatah</u> , Lect. in Chemistry, Ein Shams U. Cairo	Egypt	(R) U. of Michigan	10/56	12	Organic chemistry, esp. synthetic organic chemistry and chemotherapy

SYMBOLS: (L) indicates that primary interest in the U. S. is lecturing; (R) that it is research. (F) indicates woman.  
 NOTE: Most scholars would be glad to give occasional lectures in other institutions.

## C H E M I S T R Y (cont.)

<u>FETTING, Fritz</u> , Res.Asst., Physical Chemistry, U. of Hamburg	Germany	(R) Princeton U.	4/56	12	Applied physical chemistry: flames, rapid reactions, etc.
<u>FUWA, Keiichiro</u> , Asst. in Analytical Chemistry, Dept. of Chemistry, Tokyo U.	Japan	(R) U. of Arkansas (9/55-5/56); Harvard Medical Sch. (5/56-7/57)	9/55	Ext. to 7/57	Physico-chemical properties of fused salts
<u>GARDNER, Henry John</u> , Sr. Demonstrator in Physical & General Chemistry, U. of Melbourne	Australia	(R) Rensselaer Polytechnic Inst.	1/55	Ext. to 1/57	Electrochemistry
<u>GIBSON, Martin</u> , Res. Chemist, Oxford U.	U. K.	(R) Rice Institute	9/55	Ext. to 1/57	Paper chemistry; syntheses of aza-cinnolines and their reactions
<u>HAAS, Cornelis</u> , Res. Assoc. in Chemistry, Institute for Fundamental Research of Matter, Amsterdam	Netherlands	(R) Brown U.	8/56	12	Infrared spectra of crystals at normal and low temperatures
<u>HIRAI, Nishio</u> , Prof. of Physical Chemistry, Okayama U.	Japan	(R) U. of Utah	8/56	12	Rheological study from absolute reaction rate theory
<u>HYDE, Anthony John</u> , Fellow in Chemistry, Bradford Technical Coll., Yorks.	U. K.	(R) U. of Illinois	9/55	Ext. to 9/57	Polyelectrolytes
<u>HURLEY, Andrew Crowther</u> , Res. Fellow in Chemistry, Cambridge U.	Australia	(R) M. I. T.	9/56	12	New methods for calculating properties of molecules from basic physical assumptions
<u>INOUE, Katsuya</u> , Chief Res. Chemist Resources Research Institute Saitama-Kawaguchi	Japan	(R) U. of Wyoming	9/56	10	Physical study of coal and carbon
<u>JENSEN, Arne</u> , Scientific Asst. and Lect., Chem. Dept., Royal Danish School of Pharmacy; Res. Scholar, Technical U. of Denmark	Denmark	(R) Northwestern U.	9/56	12	Mechanism of dissociation and racemization of complexes
<u>JONES, David Neville</u> , Res. Scholar in Chemistry, U. of Wales	U. K.	(R) U. of Illinois	9/56	12	Organic chemistry
<u>KAESCHE, Helmut</u> , Res. Asst., Max Planck Inst. for Physical Chemistry, Goettingen	Germany	(R) U. of Texas	4/56	12	Electrochemical phenomena in corrosion of metals
<u>KAVASSIADES, Constantine</u> , Prof. of Organic Chemistry, U. of Salonika	Greece	(R) M. I. T. (1st sem.); California Inst. of Tech. (2nd sem.)	11/56	10	Relationship of chemistry to nuclear science
<u>KIMURA, Masao</u> , Asst. Prof., Physical Chemistry, Nagoya U.	Japan	(R) California Inst. of Tech.	10/56	12	Molecular structure by electron diffractions
<u>KITAHARA, Yoshio</u> , Asst. Prof., Organic Chemistry, Tohoku U.	Japan	(R) California Inst. of Tech.	9/56	12	Synthesis and reactions of tropolone and its derivatives
<u>KOFSTAD, Per</u> , Res. Chemist, Central Inst. for Indus. Res., Oslo	Norway	(R & L) U. of Pittsburgh	2/57	10	Nuclear chemistry
<u>KRAUCH, Helmut</u> , Scientific Asst. Max Planck Inst. for Medical Res. Heidelberg	Germany	(R) Yale U.	9/56	12	Theoretical organic chemistry: reaction mechanism
<u>LADBURY, John William</u> , Asst. Lect. in Physical Chemistry, U. of London	U. K.	(R) M. I. T.	8/56	12	Physical organic chemistry: reaction kinetics
<u>LANGER, Horst</u> , Asst., Inorganic Chemistry, Technical U., Braunschweig	Germany	(R) Indiana U.	4/56	12	Fluorine compounds
<u>LYONS, Lawrence Ernest</u> , Sr. Lect. in Physical Chemistry, U. of Sydney	Australia	(R) Harvard U.	2/57	4	Excitation energy transfer in molecular crystals
<u>MADSEN, Ove</u> , Chemist, Danish Meat Res. Inst., Roskilde	Denmark	(R) U. of Chicago (American Meat Inst.)	9/55	Ext. to 12/56	Curing of bacon and other meat products
<u>MANO, Eloisa Biasotto (F)</u> , Technological Chemist, Instituto Nacional Tecnologia; Instr., U. of Brazil	Brazil	(R) U. of Illinois	8/56	10	Technology of plastics

## C H E M I S T R Y (cont.)

<u>MARTIN, Sydney L. H.</u> , Lect., University Coll. of the West Indies B. W. I., Jamaica	U. K. (Colonial)	(R) Harvard U.	8/56	6	Magnetochemical studies
<u>MILNER, David Conrad</u> , Ph.D. candidate Oxford U.	U. K.	(R) Northwestern U.	1/56	Ext. to 2/57	Physical chemistry
<u>MIYAZAWA, Tatsuo</u> , Instr., Physical Chemistry, Tokyo U.	Japan	(R) U. of California, Berkeley	9/56	12	Molecular structure
<u>MOEDRITZER, Kurt</u> , Res. Asst., Inst. of Inorganic Chemistry, U. of Munich	Germany	(R) U. of Southern California	7/56	12	Inorganic chemistry
<u>MOMOKI, Koza</u> , Asst. Prof. of Analytical Chemistry, Yokohama Nat'l. U.	Japan	(R) U. of Pittsburgh	8/56	12	X-ray analytical chemistry
<u>MOOSATH, S. S.</u> , Res. Officer, Applied Chemistry Lab., U. of Travancore	India	(R) Pennsylvania State U.	10/56	8	Rare earth separatory methods; inorganic complex compounds
<u>MUNCH-PETERSEN, Jon Palmgren</u> , Asst. Prof., Organic Chemistry, Technical U., Copenhagen	Denmark	(R) U. of California, Berkeley	1/56	6	Organic chemistry
<u>NAKANO, Tatsuhiro</u> , Res. Fellow Chemistry of Alkaloids, Kyoto U.	Japan	(R) Wayne State U.	9/56	12	Organic chemistry; alkaloids
<u>NEUWIRTH, Otto</u> , Asst., Institute for Physical Chemistry, U. of Munich	Germany	(R) U. of Wisconsin	9/56	12	Solar energy and photochemical utilization of sunlight
<u>NIELSEN, Jørgen Tormod</u> , Res. Chemist Sadolin & Holmblad AS, Copenhagen	Denmark	(R) U. of Louisville	11/56	12	Heterocyclic chemistry
<u>PARSONS, Margaret Anne (F)</u> , Res. Scholar, Chemistry Dept., Manchester U.	U. K.	(R) Stanford U.	6/56	12	Aspects of ribonucleotide and ribose phosphate chemistry
<u>PETRUCCI, Sergio</u> , Res. Fellow Physical Chemistry, U. of Rome	Italy	(R) Yale U.	9/56	12	Methods of measuring the conductivity of solutions
<u>PUSCHNER, Heinz Herbert</u> , Res. Fellow Institute Superiore di Sanita, Rome	Austria	(R) U. of Delaware	6/56	12	Heterocyclic compounds and sterols
<u>QUARLES van UFFORD, Joan Jacob</u> , Doctoral Student, U. of Leiden	Netherlands	(R) Washington U. (St. Louis)	8/56	12	Organic chemistry
<u>ROSSINGTON, David Ralph</u> , Demonstrator in Physical Chemistry Nottingham U.	U. K.	(R) New York State Coll. of Ceramics (Alfred U.)	9/56	12	Physical chemistry; catalysis
<u>ROTHE, Johannes</u> , Chemist, E. Merck AG., Darmstadt	Germany	(R) U. of Cincinnati	9/56	12	Constitution of celastrol
<u>ROUT, Makendra Kumar</u> , Reader in Chemistry, Ravenshaw Coll., Cuttack	India	(R) Brandeis U.	10/56	12	Synthesis of new types of organic compounds
<u>SAARNIO, Jouko J.</u> , Res. Asst. Central Lab., Inc., Helsinki	Finland	(R) Purdue U.	8/56	12	Hemicellulose chemistry
<u>SAMPSON, Roy John</u> , Res. Student U. of London	U. K.	(R) Hickrill Chemical Res. Foundation, Katonah, N. Y.	10/56	12	Reactivity and mechanisms in organic chemistry
<u>SCHEMPF, Werner Roland</u> , Doctoral Student in Chemistry, Technical U., Karlsruhe	Germany	(R) Northwestern U.	9/56	12	Organic chemistry
<u>SCHWEIGER, Richard</u> , Doctoral Student, U. of Heidelberg	Germany	(R) Purdue U.	9/56	12	Starch chemistry
<u>SEGNINI, Domenico</u> , Res. Asst., Inst. of Pharmaceutical and Toxicological Chemistry, U. of Pisa	Italy	(R) U. of Notre Dame	8/56	12	Complexes of metals with proteins and aminoacids by infrared spectroscopy
<u>SHELDON, John Charles</u> , Post-Grad. Res. Scholar and Demonstrator in Inorganic Chemistry, Nottingham U.	U. K.	(R) U. of North Carolina	7/56	12	Synthesis of new chemical substances



## C H E M I S T R Y (cont.)

<u>SKATTEBOL, Lars</u> , Doctoral Student in Chemistry, U. of Manchester	Norway	(R) California Inst. of Tech.	10/56	12	Organic chemistry; reaction mechanisms
<u>SWARUP, Daya</u> , Prof. of Metallurgy Banaras Hindu U.	India	(L) U. of Missouri Sch. of Mines and Metallurgy	11/56	6	Non-ferrous extractive metallurgy; reduction and refining of lead, gold and other metals
<u>TAKEDA, Masatami</u> , Prof. of Physical Chemistry, Tokyo Coll. of Science	Japan	(R) U. of Illinois(9/55-7/56); Harvard U. (7/56-7/57)	9/55	Ext.to 7/57	Physical chemistry: high polymers
<u>TANABE, Kozo</u> , Asst.Prof.of Chemistry Res.Inst.for Catalysis,Hokkaido U.	Japan	(R & L) Georgia Inst. of Tech.	9/56	12	Physical chemistry; acid-base catalysis
<u>TSUKIDA, Kiyoshi</u> , Asst. Prof.,Organic Chemistry,Kobe Coll. of Pharmacy	Japan	(R) California Inst. of Tech.	10/56	12	Phytochemistry; carotenoid
<u>URNES, Sigmund</u> , Res. Fellow,Norwegian Inst. of Technology, Trondheim	Norway	(R) Pennsylvania State U.	9/56	12	Physical and chemical properties of fused salt mixtures
<u>WEISS, Alarich</u> , Scientific Asst. in Chemical Physics, Technical U. Darmstadt	Germany	(R) Indiana U.	7/56	12	Reciprocal effect of ionic beams to the surface of solid bodies

## E N G I N E E R I N G

<u>AKHURST, Denys Osmund</u> , Coll.Apprentice,M-V Electrical Co.Ltd.,Manchester	U. K.	(R & L) M. I. T.	9/55	Ext.to 9/57	Electrical engineering: gaseous conduction and discharge devices
<u>ASTA, Antonio</u> , Full Prof.of Electrical Engineering, U. of Bari	Italy	(R) M. I. T.	10/56	3	Electrical engineering: mercury vapor convertors
<u>BARRING, Helge Celius</u> , Chief Engineer Norwegian Explosives Industries, Oslo	Norway	(R) Colorado Sch. of Mines	10/56	9	Explosives and rock blasting practice
<u>BLICHER, Olav E.</u> , Res. Engineer Norwegian Defense Res. Establishment,Kjeller	Norway	(R) M. I. T.	8/56	14	Aeronautical engineering: aerothermochemistry
<u>BRATT, Johan Fredrik, Jr.</u> Scientific Officer, Norwegian Ship Model Exp. Tank, Trondheim	Norway	(L) Pennsylvania State U.	9/56	9	Metallurgical engineering: strength of materials
<u>BROWN, Eric H.</u> , Lect.,Imperial Coll. of Science & Tech., U. of London	U. K.	(R & L) Brown U.	9/55	Ext.to 1/57	Civil engineering: limit analysis and photoplasticity
<u>CALOVOLD, Mario Anello</u> , Res.Asst., Inst. of Aircraft Structures, Rome	Italy	(R) Columbia U.	10/56	12	Aeronautical engineering: aero-elasticity
<u>EZZAT, Ahmad</u> , Asst.Prof., Dept. of Mechanics, Cairo U.	Egypt	(R) U. of California Los Angeles	2/57	10	Methodology of teaching mechanical engineering in the U. S.
<u>HENDERSON, Francis Martin, Sr.</u> Lect. in Civil Engineering, Canterbury Coll. Zealand	New Zealand	(L) U. of Michigan	9/56	12	Civil engineering: fluid mechanics
<u>HORLOCK, John Harold</u> , Lect.,Engineering Lab., Cambridge U.	U. K.	(R & L) M. I. T.	9/56	12	Thermodynamics & aerodynamics
<u>IBRAHIM, Shukery Kamel</u> , Lect., Aeronautics Dept.,Faculty of Engineering Fouad I U.	Egypt	(R) U. of Minnesota	6/54	Ext.to 6/57	Aeronautical engineering: experimental aerodynamics
<u>INOUE, Hiroshi</u> , Asst.Prof., Faculty of Engineering, U. of Tokyo	Japan	(R) U. of Pennsylvania	9/56	12	Electrical communication
<u>INOUE, Tokio</u> , Prof.of High Frequency Engineering, Ritsumeikan U.	Japan	(R) M. I. T.	9/56	6	Electrical engineering: resolving power of the electron microscope
<u>ITO, Katsuhiko</u> , Member of Scientific Res. Inst., Tokyo	Japan	(R) Brown U.	5/56	12	Mechanical engineering: fundamental studies on plastic strain

E N G I N E E R I N G (cont.)

<u>JACKSON, William D.</u> , Lect. in Electrical Engineering, Manchester Coll. of Tech.	U. K.	(R & L) M. I. T.	9/55	Ext. to 9/57	Electrical engineering: transistor circuitry
<u>JØRSBOE, Helge</u> , Electrical Engineer Copenhagen Tel. Co.	Denmark	(R & L) Brown U.	7/56	9	Ultrasonics
<u>KHIN, U Aung</u> , Asst. Engineer, Dept. of Broadcasting, Mgr. of Studio Plants Govt. of the Union of Burma	Burma	(R) Capitol Radio Engineering Inst., Washington, D. C.	4/56	10	Broadcasting engineering
<u>KLAUDY, Peter</u> , Prof. of Engineering Technical U., Graz	Austria	(R) North Carolina State Coll.	2/57	3	Electrical engineering: diesel electric traction, high current & electrical contact problems
<u>KOGA, Toyoki</u> , Prof. of Engineering Nagoya U.	Japan	(R) California Inst. of Tech. (9/55-6/56); Yale U. (6-9/56); U. of California, Berkeley (9/56-3/57)	8/55	Ext. to 3/57	Aerodynamics, esp. statistical mechanics and gas dynamics
<u>KOLSKY, Herbert</u> , Head of Physics Dept., Akers Res. Labs., Imperial Chemical Industries, Welwyn, Herts.	U. K.	(R) Brown U.	1/56	Ext. to 2/57	Behavior of solids at very high rates of loading
<u>KRISHNA, Jai</u> , Reader in Civil Engineering, U. of Roorkee	India	(R) California Inst. of Tech.	10/56	6	Civil engineering: methods & techniques of teaching & research
<u>LEIDENFROST, Wolfgang</u> , Res., Forschungs-Institut Verfahrenstechnik, Technical U., Aachen	Germany	(R) Brown U.	9/56	12	Thermodynamics: steam-tables
<u>NAITO, Keikichi</u> , Tech. Officer, Meteorological Res. Inst., Tokyo	Japan	(R) Cornell U.	9/54	Ext. to 10/57	Radio meteorology and radio scattering
<u>NISHIWAKI, Niichi</u> , Prof. of Mechanical Engineering, Tokyo U.	Japan	(R) M. I. T.	9/56	9	Combustion problem of liquid fuel
<u>ONOE, Morio</u> , Res. Assoc., Inst. of Industrial Science, Tokyo U.	Japan	(R) Columbia U.	9/56	12	Contour vibrations of piezo-electric crystal plates, contour modes, etc.
<u>PERRET, René</u> , Attaché, Centre Nat'l. de la Recherche Scientifique, Paris	France	(R) Harvard U. (1st sem.); Nat'l. Bureau of Standards (2-3/57)	8/56	6	Use of discrete or continuous arrangements of magnetic cores for performing logic structures & storage; study of Mark IV calculator; electronic computers
<u>PIGLIONE, Luigi</u> , Asst. Prof. of Electrical Engineering, Turin Polytechnic Sch.	Italy	(R) M. I. T.	9/56	6	Servomechanisms
<u>RICHARDS, Robert Alan</u> , Div. Engineer Engineering Organization & Training Sect., P.M.G. Central Admin., Melbourne	Australia	(R) Stanford U. (1-7/56); Ohio State U. (7-12/56)	12/55	Ext. to 12/56	Operations research
<u>SAITO, Shigebumi</u> , Asst. Prof. of Engineering, Inst. of Industrial Science Tokyo U.	Japan	(R) M. I. T.	8/55	Ext. to 7/57	Electrical engineering: problems on further higher frequency region (millimeter wavelength)
<u>SAWAGUCHI, Etsuro</u> , Physicist, Electro-technical Lab., Ministry of Trade and Industry, Tokyo	Japan	(R) Rutgers U.	10/56	12	Ceramics: ferroelectrics
<u>SEKIGUCHI, Tadashi</u> , Asst. Prof. Tokyo U.	Japan	(R) U. of Illinois	9/56	12	Electrical engineering: sub-millimeter microwave; gaseous electronics; microtime analysis

G E O G R A P H Y

<u>CAPUTO, Michele</u> , Asst. to the Chair of Geodesy & Surveying, U. of Trieste	Italy	(R) Ohio State U.	4/57	5	Figure of the geoid; developments of aerial photogrammetry: adjustment of triangulation by electronic devices
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G E O L O G Y

<u>ASWATHANARAVANA, Uppuunduri, Sr.</u> Lect., Geology, Andhra U.	India	(R) M. I. T.	11/56	8	Nuclear geology; geophysical exploration
<u>COMPSTON, William.</u> Post-Grad.Scholar Geochemistry,U.of Western Australia	Australia	(R) California Inst. of Tech.	10/56	12	Geochemistry:calcium isotopes
<u>DEGENS, Egon.</u> Scientific Asst. Geology, Bonn U.	Germany	(R) Pennsylvania State U.	9/56	12	Geochemistry
<u>HOLTEDAHL, Hans Gurstad,</u> Curator Geological Inst., U. of Bergen	Norway	(R) Scripps Inst. of Oceanography, U. of California La Jolla	6/56	12	Marine geology
<u>KOIZUMI, Mitsue,</u> Prof., Geology and Mineralogy, Osaka U.	Japan	(R) Pennsylvania State U.	9/56	12	Dehydration phenomena of zeolites
<u>MATSUMOTO, Tatsuro,</u> Prof., Geology Kyushu U.	Japan	(R) Stanford U.(11/56-4/57); U. of Kansas (4-6/57)	11/56	9	Cretaceous system and its invertebrate fossils
<u>NICHOLLS,Geoffrey Dennis,</u> Lect. Petrology, U. of Manchester	U. K.	(R & L) M. I. T.	12/56	11	Geochemistry and petrology: shale
<u>RINGWOOD, Alfred Edward,</u> Res.Fellow Geology, U. of Melbourne	Australia	(R) Harvard U.	12/56	12	Geochemistry: inversion of $Mg_2SiO_4$ and study of $H_2O-H_2S$
<u>SASA, Yasuo,</u> Prof., Fuel Geology Hokkaido U.	Japan	(R & L)U.of California, Los Angeles(1st sem.);U.of California, Berkeley (2nd sem.)	8/56	12	Cenozoic stratigraphy and structural geology of the Pacific Basin
<u>SATO, Yasuo,</u> Asst.Prof.,Theoretical Seismology, Earthquake Research Inst., Tokyo U.	Japan	(R) Columbia U.	9/56	12	Seismology: theory of elastic surface waves
<u>SCHARBERT, Heinz Georg,</u> Res. Asst. Mineralogical-petrographical Inst. of Vienna U.	Austria	(R) U. of California Berkeley	4/57	5	Metamorphic petrology: analyses of rocks and fabrics
<u>WEDEPOHL, Karl Hans,</u> Res.Asst. Mineralogy,Inst.of Mineralogy & Petrology, U. of Goettingen	Germany	(R) U. S. Geological Survey (Dept. of Interior), Washington, D. C.	6/56	8	Mineralogy: minor elements in sedimentary rocks

M A T H E M A T I C S

<u>AZUMAYA, Goro,</u> Prof.of Mathematics Hokkaido U.	Japan	(R) Yale U.	8/56	12	Theories of associative & non-associative algebras
<u>BARRATT, Michael George,</u> Lect.in Mathematics, Oxford U.	U. K.	(R) Princeton U.	7/56	12	Algebraic topology, particularly homotopy theory
<u>BERGE, Claude,</u> Res.Scholar,L'Institut H. Poincaré	France	(R) Princeton U.	9/56	9	Theory of games
<u>BERGER, Marcel,</u> Res.Scholar,Centre National de la Recherche Scientifique Paris	France	(R) M. I. T.	9/56	9	Differential geometry and topology
<u>CHOW, Hung Ching,</u> Dir.General,Inst. of Mathematics,Academia Sinica,Taiwan	Formosa	(R) Cornell U.	10/56	10	Theory of series; mathematical education in secondary schools
<u>EDWARDS, David A., Jr.</u> Res.Fellow Oxford U.	U. K.	(R) Yale U.	9/56	12	Functional analysis
<u>CHESTER, William,</u> Lect. in Mathematics, Bristol U.	U. K.	(R) California Inst. of Tech.	9/56	12	Fluid dynamics of compressible flow
<u>DELANGE, Herbert,</u> Dean of Faculty of Science of Clermont-Ferrand	France	(R) Inst. for Advanced Study	9/56	4	Analysis and number theory
<u>DOLD, Albrecht,</u> Asst.,Mathematics Inst., U. of Heidelberg	Germany	(R) Inst. for Advanced Study	9/56	10	Algebraic topology; singularities of differentiable mappings
<u>FESTA, Rudolf,</u> Lect. in Mathematics U. of Vienna	Austria	(L) U. of Alabama	9/56	10	Mathematics education

MATHEMATICS (cont.)

<u>GRIFFITHS, Hubert Brian</u> , Lect. in Mathematics, U. of Bristol	U. K.	(R) Inst. for Advanced Study	9/56	12	Topology
<u>HEJTMANEK, Johan</u> , Res. Fellow Mathematical Inst., Vienna	Austria	(R & L) Ohio State U.	9/56	12	Geometry of numbers connected with the star bodies
<u>HELLMAN, Olavi Bertel</u> , Res. Asst. Finland Inst. of Tech.	Finland	(R & L) U. of California Los Angeles	7/56	12	Numerical analysis
<u>ITU, Seizo</u> , Lect., Mathematics Nagoya U.	Japan	(R) U. of Minnesota	9/55	Ext.to 7/57	Diffusion equations in Riemannian spaces
<u>KLINGENBERG, Wilhelm</u> , Privatdozent Mathematics, U. of Hamburg	Germany	(R) Inst. for Advanced Study	9/56	7	Differential geometry; topology
<u>KNESER, Martin Lorenz</u> , Asst. and Privatdozent, Inst. of Mathematics U. of Heidelberg	Germany	(R) New York U.	9/56	10	Modern methods of applied mathematics
<u>KRICKEBERG, Klaus</u> , Lect. in Mathematics, U. of Würzburg	Germany	(R) U. of Illinois (9/55-7/56); U. of Wisconsin (7/56-7/57)	9/55	Ext.to 7/57	Mathematical statistics; probability
<u>KURANISHI, Masatake</u> , Assoc. Prof. of Mathematics, Nagoya U.	Japan	(R) Inst. for Advanced Study (9/54-9/56); U. of Chicago (10/56-9/57)	9/54	Ext.to 9/57	Topology
<u>LAASONEN, V. Pentti J.</u> , Prof. of Strength Materials, Finland Inst. of Tech.	Finland	(L) U. of California Los Angeles	7/56	12	Numerical analysis
<u>LeLONG, Pierre</u> , Prof. à la Faculté des Sciences de Paris	France	(R) Inst. for Advanced Study	9/56	3	Study of plurisous-harmonique functions
<u>LeLONG-FERRAND, Jacqueline (F)</u> , Prof. U. of Lille	France	(R) Inst. for Advanced Study	9/56	3	Increase of differential forms
<u>LEOPOLDT, Heinrich-Wolfgang</u> , Res. Asst. Mathematics, U. of Erlangen	Germany	(R) Inst. for Advanced Study	9/56	10	Unimodular representations of finite groups; bicubic cyclic fields; Haase's program on abelian fields; class numbers
<u>MATSUSAKA, Teruhisa</u> , Asst. Prof. Ochanomizu U.	Japan	(R) U. of Chicago	9/54	Ext.to 9/57	Abelian varieties and their application
<u>MILNE-THOMSON, Louis Melville</u> , Prof. and Head, Dept. of Mathematics, Royal Naval Coll., Greenwich	U. K.	(R & L) Brown U.	9/56	12	Hydrodynamics
<u>PAUC, Christian</u> , Prof. of Mathematics Faculty of Sciences, U. of Rennes	France	(L) Purdue U.	9/56	10	Differentiation of set and cell functions
<u>PITMAN, Edwin James George</u> , Prof. of Mathematics, U. of Tasmania	Australia	(L) Stanford U.	1/57	9	Mathematical statistics
<u>PUCCI, Carlo</u> , Lect. in Mathematics U. of Rome	Italy	(R) U. of Maryland	9/56	10	Partial differential equations
<u>SCHNEIDER, Hans</u> , Lect., Pure Mathematics, Queen's U., Belfast	U. K.	(R & L) State Coll. of Washington	7/56	12	Abstract algebra; classical matrix theory
<u>TAMAGAWA, Tsuneo</u> , Asst. Prof. Mathematics, Tokyo U.	Japan	(R) Inst. for Advanced Study	9/55	Ext.to 10/57	Algebraic number theory
<u>TANNAKA, Tadao</u> , Prof. of Mathematics Tohoku U.	Japan	(R) Inst. for Advanced Study	9/55	Ext.to 5/57	Cohomological properties of the class field theory
<u>THOM, Rene</u> , Maître de Conférences Faculty of Sciences, U. of Strasbourg	France	(R&L) Inst. for Advanced Study (1st sem.); Princeton U. (1-2/57); U. of Chicago (3-8/57)	10/56	12	Singularities of differentiable maps; homotopy theory
<u>VAN DER VAART, Hubertus R.</u> , Res. Assoc., Science Faculty, U. of Leiden	Netherlands	(R) U. of North Carolina	1/57	12	Mathematical statistics
<u>YAMAMURO, Sadayuki</u> , Instr. Mathematics, Hokkaido U.	Japan	(R) Inst. for Advanced Study	9/56	12	Functional analysis; modularized semi-ordered linear spaces

## P H Y S I C S

<u>ANDRESEN, Arne Fridtjof</u> , Res.Scholar Inst. for Atomic Energy, Kjeller	Norway	(R) Brookhaven Nat'l.Lab. Upton, L. I., New York	8/56	9	Neutron diffraction and solid state physics
<u>BALKANSKI, Minko</u> , Attaché de Recherche, Centre National de la Recherche Scientifique, Paris	France	(R) M. I. T.	9/56	9	Solid state physics
<u>BENNEWITZ, Hans Gerhard</u> , Scientific Asst. In Physics, U. of Bonn	Germany	(R) Princeton U.	9/56	10	Measurements of nuclear moments by atomic beam resonance methods
<u>BERTHOLD, Hans Joachim</u> , Res. Asst. In Chemistry, U. of Cologne	Germany	(R) U. of Chicago	7/55	Ext.to 12/56	X-ray analysis of crystals with Fourier methods
<u>BIZZARRI, Romano</u> , Res.Scholar, Physics Institute, U. of Rome	Italy	(R) U. of Chicago	11/56	10	Nuclear physics: liquid hydro- gen bubble chambers
<u>BOUCHARD, Jean</u> , Prof. of Physics Faculté Sciences, U. of Dijon	France	(R) Harvard U. (Observatory)	4/57	3	Ionospheric propagation of electromagnetic waves and its relationship with radio chronometry
<u>BROSTROM, Karl Jacob K.</u> , Head of High Tension Dept., Inst. for Theoret- ical Physics, U. of Copenhagen	Denmark	(R) U. of Wisconsin	11/56	4	Nuclear physics: design and application of high voltage apparatus
<u>CAVALCANTI, Catolia Romano</u> , Res.Asst. Istituto Elettrotecnico Nazionale Galileo Ferraris, Turin	Italy	(R) Columbia U.	9/56	12	Production and absorption of radiation
<u>CHIAROTTI, Gianfranco</u> , Deputy Prof. of Electromagnetic Waves, Asst., Physics, U. of Pavla	Italy	(R) U. of Illinois	8/55	Ext.to 8/57	Solid state physics: defects in ionic solids
<u>CORTELLESSA, Giorgio</u> , Asst., Physics Lab., Public Health Inst., Rome	Italy	(R) Cornell U.	11/56	12	Nuclear physics: particle accelerating machines
<u>d'ANDLAU, Charles</u> , Chargé de recherches, Centre National de la Recherche Scientifique	France	(R) U. of California Berkeley	10/56	12	Process of installing a low pressure cloud chamber filled with argon in a magnet
<u>DIAMOND, Robert</u> , Res. Scholar, Dept. of Physics, Cambridge U.	U. K.	(R) Pennsylvania State U.	10/56	12	X-ray crystallography
<u>DUBE, Ganesh Prasad</u> , Principal Ranchi Coll.	India	(R) Yale U.	2/57	4	Semi-conductors, radio frequency and meson physics
<u>FISHER, Peter</u> , Res. Scholar, Physics Dept., U. of Western Australia	Austra- lia	(R) Purdue U.	9/56	12	Photo-conductive properties of semi-conductors
<u>FUBINI, Sergio</u> , Asst.Prof., Inst. of Physics, U. of Turin	Italy	(R) U. of Chicago	9/56	12	Meson nucleon interaction
<u>GALLITELLI, Paolo</u> , Prof. of Mineralogy & Dir., Mineralogical Inst. U. of Modena	Italy	(R) Pennsylvania State U.	10/56	12	X-ray crystallography
<u>GANDY, André Paul</u> , Physicist Foundation Curie, Paris	France	(R) Nat'l. Bureau of Standards	10/56	6	Measurement of radioactive materials and dosage of radiations
<u>GATTO, Raffaele Raul</u> , Special Asst. Nat'l. Inst. for Nuclear Physics, Rome	Italy	(R) U. of California, Berkeley	9/56	9	Nuclear physics: theory of strange particles
<u>GIACCONI, Riccardo</u> , Asst.Lect., Nat'l. Inst. for Nuclear Physics, U. of Milan	Italy	(R) Indiana U.	9/56	12	Nuclear physics: cosmic radia- tion by means of Wilson cloud chambers
<u>GODSKE, Carl Ludvig</u> , Prof., Theoretical Meteorology, U. of Bergen	Norway	(R) U. of California Los Angeles	10/56	6	Dynamic meteorology
<u>HAGENOW, Karl Ulrich von</u> , Res.Fellow Max Planck Inst. for Physics Goettingen	Germany	(R) New York U.	9/56	12	Numerical analysis, gas dynamics, hydromagnetics, and shock waves

## P H Y S I C S (cont.)

<u>HARVEY, Geoffrey Clarence</u> , Lect. In Physics, U. of Tasmania	Australia	(R) Boston U.	6/56	12	Optical Image evaluation
<u>HAUSSER, Karl H.</u> , Scientific Asst. and Lect., Max Planck Inst. for Med. Res. & U. of Tuebingen	Germany	(R) U. of Chicago	9/56	12	Experimental molecular physics, esp. spectroscopy
<u>HEINE, Volker</u> , Researcher In Physics U. of Cambridge	U. K.	(R) U. of California, Berkeley	8/56	12	Theoretical solid state physics
<u>HOODMAN, Gerardus Johannes</u> , Res. Assoc. Inst. for Theoretical Physics, U. of Utrecht	Netherlands	(R) U. of Michigan	8/56	12	Statistical mechanics of irreversible phenomena
<u>KAWAGUCHI, Masaaki</u> , Res. Assoc. Theoretical Physics, Kyoto U.	Japan	(R) Purdue U.	9/56	12	Theoretical physics: meson theory
<u>KITA, Isao</u> , Asst. Prof. of Experimental Physics, Kobe U.	Japan	(R) Indiana U.	8/55	Ext. to 7/57	Nuclear physics: new unstable particles of cosmic rays
<u>KOBAYASHI, Koichi</u> , Asst., Dept. of Chemistry, Tohoku U.	Japan	(R) Carnegie Inst. of Tech. Pittsburgh	9/54	Ext. to 9/57	Chemical physics: grain boundaries, lattice imperfections and radiation effects in solids
<u>KOFINK, Walter</u> , Prof. of Theoretical Physics, Technical U., Karlsruhe	Germany	(R) California Inst. of Tech. (9/55-9/56); Oak Ridge Nat'l. Lab. (9/56-6/57)	9/55	Ext. to 6/57	Theoretical physics: the Dirac theory of the electron
<u>KOMURA, Yukitomo</u> , Res. Asst. in Physics Inst. of Polytechnics, Osaka City U.	Japan	(R) M. I. T.	9/55	Ext. to 7/57	Crystallography: esp. metals and alloys
<u>KRAMERS, Hendrik Cornelius</u> , Res. Assoc. Lab. of Physics, U. of Leiden	Netherlands	(R) Ohio State U.	9/56	12	Properties of liquid or solid He <sup>3</sup>
<u>KRISHNAMURTHI, Mamidipudi</u> , Sr. Res. Asst. to the Director, Physical Labs., Osmania U.	India	(R) Ohio State U.	10/56	8	Ultrasonics and radio astronomy
<u>LLEWELLYN, Peter Merlyn</u> , Res. Scholar Oxford U.	U. K.	(R) U. of Chicago	9/56	24	Nuclear physics; paramagnetic research
<u>LÜDERS, Gerhart C. F.</u> , Res. Asst. and Privatdozent, Max Planck Inst. for Physics, and U. of Goettingen	Germany	(R) M. I. T.	8/56	9	Nuclear physics
<u>LUEST, Reimar</u> , Res. Assoc. In Theoretical Physics & Astro-Physics, Max-Planck Inst. for Physics, Goettingen	Germany	(R) U. of Chicago (9/55-2/56 and 7/56-2/57); Princeton U. (3/56-7/56)	9/55	Ext. to 2/57	Theoretical physics: cosmic ray and cosmical magneto-hydrodynamics
<u>MUIRHEAD, Edmund Gerard</u> , Sr. Demonstrator In Physics, U. of Melbourne	Australia	(R) U. of Pennsylvania	8/56	12	Nuclear physics: energy & angular distributions of photo-protons from light nuclei
<u>MULVEY, John Hugh</u> , Physicist, Medical Research Council, Radiobiological Res. Unit, Harwell	U. K.	(R & L) U. of California Los Angeles	9/56	12	Nuclear physics: heavy meson and anti-proton physics; electrical measurements
<u>NAKAYAMA, Hisako (F)</u> , Res. Fellow Transportation Tech. Res. Inst., Ministry of Transportation, Tokyo	Japan	(R) Stanford U.	9/56	12	Experimental physics: soil particles, molecular phenomenon of water, frost heaving
<u>OGAWA, Masaru</u> , Res. Asst., Inst. for Optical Res., Tokyo U. of Education	Japan	(R) U. of Southern California	8/56	12	Spectroscopy: molecular structure of nitric oxide & its absorption coefficient
<u>OGURA, Yoshimitsu</u> , Res. Asst. In Meteorology, Geophysical Inst., Tokyo U.	Japan	(R) Johns Hopkins U.	10/54	Ext. to 12/56	Turbulent flow
<u>OKAYA, Akira</u> , Inst. in Physics Kyoto U.	Japan	(R) Columbia U.	9/55	Ext. to 7/57	Microwave spectroscopy
<u>OZAKI, Seinosuke</u> , Asst. Prof. of Physics, Osaka City U.	Japan	(R) Cornell U.	9/55	Ext. to 8/57	Nuclear physics: structure of nuclei; interaction among elementary particles

## P H Y S I C S (cont.)

<u>RAO, Barril Ramchandra</u> , Reader In Physics, Andhra U.	India	(R) Pennsylvania State U. (1st two months)	10/56	4	Ionosphere & Ionospheric winds
<u>RASTRUP-ANDERSEN, John</u> , Instr. Chem. Lab., U. of Copenhagen	Denmark	(R) Rice Inst., Houston, Texas (1/56-1/57); Duke U. (1-5/57)	1/56	Ext. to 5/57	Microwave spectroscopy
<u>ROMERS, Cornelis</u> , Dept. of Chemistry U. of Leiden	Netherlands	(R) Rice Inst.	9/56	12	Crystallography: American experimental methods and theoretical progress
<u>ROSSI, Vittoria</u> , (R) Executive Head Long Distance Dept., Telephone Co. of Rome	Italy	(R) U. of California Los Angeles	3/57	6	Semiconductors and technical application of semiconductor devices
<u>ROSSMAN, Michael George</u> , Asst. Lect. Royal Tech. Coll., Glasgow; and Researcher, U. of Glasgow	U. K.	(R) U. of Minnesota	11/56	12	X-ray crystallography
<u>SASAKI, Yoshikazu</u> , Res. Fellow In Meteorology, Geophysical Inst. U. of Tokyo	Japan	(R) Agricultural and Mechanical Coll. of Texas	9/56	12	Meteorology; high-level winds fields
<u>SAWADA, Shozo</u> , Asst. Prof. of Physics Inst. of Science and Technology, Tokyo U.	Japan	(R) Iowa State Coll. of Agriculture and Mechanic Arts, Ames	9/56	12	Solid state physics
<u>SHIMOMURA, Yasumitsu</u> , Prof. of Physical Metallurgy, Osaka Prefectural U.	Japan	(R) U. of Illinois	8/56	12	Physical metallurgy and solid state physics
<u>STOPPINI, Gherardo</u> , Asst., Chair of Experimental Physics, Rome U.; Res. Asst. Nat'l. Inst. of Nuclear Physics	Italy	(R) U. of Illinois	11/55	Ext. to 9/57	Nuclear physics: photoproduction of mesons
<u>SYMANZIK, Kurt</u> , Scientific Asst. In Physics, Max Planck Inst. for Physics Goettingen	Germany	(R) Inst. for Advanced Study (9/55-1/56); U. of Chicago (1/56-7/57)	9/55	Ext. to 7/57	Theoretical physics: quantum theory of fields
<u>TAWDE, Nanasaheb Ramji</u> , Head, Dept. of Physics, Karnatak U.	India	(R) U. of Chicago	1/57	4	Nuclear physics: molecular spectra
<u>TERAMOTO, Ei</u> , Lect. In Statistical Mechanics, Kyoto U.	Japan	(R) Northwestern U.	9/56	12	Theoretical physics: fundamental problems of statistical mechanics & of high polymers
<u>TEWORDT, Ludwig</u> , Asst., Inst. of Theoretical Physics, U. of Muenster	Germany	(R) U. of Illinois	8/56	12	Theory solids: semi-conducting materials
<u>TICHELAAR, Gerrit Willem</u> , Res. Asst. Physical Chem., Technological U. of Delft	Netherlands	(R) U. of Illinois	8/56	12	Solid state physics
<u>VAN VLIET, Karel Marinus</u> , Chief Asst. Natuurkundig Lab., Vrije U.	Netherlands	(L) U. of Minnesota	5/56	12	Semiconductor noise and current fluctuations in tubes
<u>VAN DEN HENDE, Johannes Henricus</u> , Asst., Crystallographical Inst. U. of Groningen	Netherlands	(R) Pennsylvania State U.	3/57	12	Crystallographic and X-ray analysis
<u>VISCONTI, Antoine Victor</u> , Researcher Nat'l Center of Scientific Res., Paris	France	(L) U. of Maryland	10/56	12	Foundations of quantum field theory
<u>WINTHER, Aage Finn Rahr</u> , Lect. and Res. Asst., Inst. for Theor. Physics U. of Copenhagen	Denmark	(R) California Inst. of Tech.	5/56	12	Theoretical nuclear physics
<u>WOLF, Werner Paul</u> , Res. Physicist Clarendon Laboratory, Oxford	U. K.	(R) Harvard U.	8/56	12	Applied physics: ferrites
<u>YAMADA, Kogoro</u> , Tech. Advisor Tomioka Optical Instrument Mfg. Co., Tokyo	Japan	(R & L) U. of Rochester	9/56	12	Optics and optical industry
<u>YAMADA, Yahiko</u> , Instr., Applied Physics, Faculty of Engineering Osaka U.	Japan	(R) M. I. T.	6/56	12	Spectroscopy and Interferometric technique; ruling engines
<u>TANIKAWA, Yasutaka</u> , Prof., Theoretical Physics	Japan	(R) Inst. for Advanced Study	9/56	12	Theory of pi-meson and other elementary particles

PHYSICS (cont.)

<u>YAMASHITA, Jiro</u> , Asst. Prof. of Physics Inst. of Science & Technology, U. of Tokyo	Japan	(R) U. of Pittsburgh	9/56	12	Electrical properties of semi- conductors, dielectric proper- ties and quantum theory of magnetism
<u>YOSHIDA, Sho</u> , Prof. of Physics Okayama U.	Japan	(R) U. of Illinois	8/56	12	Recrystallization crystalline structure of cold-rolled aluminum & silicon steel plate
<u>YOSHIDA, Kei</u> , Asst. Prof. of Theoretical Physics, Osaka U.	Japan	(R) U. of California, Berkeley	9/56	10	Solid state physics: theory of magnetism & magnetic proper- ties exhibited by oxides and sulfides of iron group metals

OTHER SCHOLARS IN THE PHYSICAL SCIENCES

(These scholars received grants during the current year  
and after completion of their projects have returned home.)

BUNGAARD, Svend  
Prof. of Mathematics, Aarhus U., Denmark

COURTES, George  
Aide-Astronome, Observatory of  
Marseille, France

FRAPPE, Gérard  
Teacher of Mathematics, Catholic  
Sch., Roubaix, France

GRIFFITH, John Stanley  
Fellow in Chemistry, U. of Cambridge  
U. K.

LEMAN, Gérard  
Teacher of Physics, Coll. Notre  
Dame des Victoires, Roubaix, France

LEVI, Hilde B. (F)  
Res. Scholar & Instr., Zoophysio-  
logical Lab., Dept. of Biological  
Isotope Res., U. of Copenhagen, Denmark

WESTMORELAND-WHITE, Beryl (F)  
Technical Coll. Lect., Sch. of  
Building, Bristol, U. K.