277 Receive Fellowships From Guggenheim Fund

The John Simon Guggenheim Memorial Foundation has announced fellowship awards totaling \$5,070,000 to 277 scholars, scientists and artists chosen from among 3,200 applicants in the foundation's 58th annual competition.

Following is the list of awards to residents of New York, New Jersey and Connecticut, along with the residents' proposed projects.

NEW YORK CITY AREA

Laurle Anderson, artist, New York City: art and

Carolyn Brown, film maker and choreographer, Millbrook; dean of dance, School of the Arts, State University of New York College at Purchase: film

making and choreography. Steve Carter, playwright, Rego Park, Queens: play-

writing.

Jerome Charyn, writer, New York City, and lecturer
In the humanities and creative writing, Princeton
University: Tiction.

Christine Choy, film maker. New York City: film

Chilstine Choy, film maker. New York City: film making.

Amy Clampitt, poet, New York City: poetry.

Dr. Seymour S. Cohen, Distinguished Professor of Pharmacological Sciences, State University of New York at Stony Brook: studies of Thomas Cooper and the chemical revolution in America and of the mechanisms of ethylene in the ripening of fruit.

Dr. Barry S. Coller, associate professor of medicine.

of fruit.

Dr. Barry S. Coller, associate professor of medicine and pathology, School of Medicine, State University of New York at Stony Brook: studies in the physiology of platelet membranes.

Houston Conwill, artist, New York City; adjunct instructor in art, State University of New York College at Old Westbury, L.I.: sculpture.

Dr. Janet Cox-Rearick, professor of art history, Hunter College: Italian art at the court of France, 1515-47.

Stanley Crouch, writer, New York City: essays on American culture.

Dr. Arthur C. Darto, Johnsonian Professor of Philosophy, Columbia University: the concept of representation and the human sciences.

sentation and the human sciences.

To Doyle, artist; associate professor of art, Queens College: sculpture.

Viola Farber, choreographer, New York City; artistic director, National Center of Contemporary Dance, Angers, France: choreography.

To hon G. Fleadle, associate professor of anatomical sciences, State University of New York at Stony Brook: early anthropoid evolution.

Dr. Thomas M. Franck, professor of law, New York University (on leave); director of research, United Nations. Institute for Training and Research: United States concepts of self-interest in retailing to the United Nations.

search: United States concepts or sett-interest in relation to the United Nations.

Dr. Michael S. Gazzaniga, professor of neuropsy-chology in neurology, Cornell University Medical College: the evolution of brain and mind.

Jorile Graham, poet; assistant professor of English, California State University, Humboldt; adjunct associate professor of writing, School of the Arts, Columbia University; poetry. Columbia University: poetry.
Robert Greskovic, dance critic, Brooklyn: essays on

dance photographs.

dance photographs.

Ernest Gusella, video artist, New York City: video.

Michael Harrington, writer; professor of political
science, Queens College and Graduate Center,
City University of New York: political and social
consequences of heligious bellef and disbellef.

Dr. William V. Harris, professor of history, Colum-

bia University: Kleracy and illiteracy in the

Roman world.
Shelby Hearon, novelist, North White Plains: fiction.

Mark H. Helprin, writer, Brooklyn: fiction.
Dr. Philip M. Johnson, professor of chemistry, State
University of New York at Stony Brook: interac-

tion of laser light with molecules.

Elizabeth Kendall, writer; fellow, New York Institute for the Humanities, New York University:
Hollywood lyric cornedy of the 1930's.

Wendy Kesselman, playwright, New York City: playwriting. Terence La Nove, artist; associate professor of art,

La Guerdia Community College: painting.

Eric Lerrabee, wrifer; adjunct professor of arts administration, School of the Arts, Columbia University: American military leadership in World War

Leo Menso, artist; Instructor, Art Students League

Leo Memas, artist; Instructor, Art Students League of New York; printmaking.
Meredith Monk, choreographer and artistic director, New York City; a theater piece.
Dr. Richard B. Morris, Gouverneur Morris Professor Emeritus of History, Columbia University; the torging of the Federal union, 1781-89. Cynthia Ozick, writer, New Rochelle: fiction and es-

says. Miguel Pinero, playwright, New York City; play-

writing. Dr. Edith Porada, Arthur Lehman Professor Emeritus of Art History and Archeology, Columbia University: Catalogue of Western Asiatic cylinder seals of the second millennium B.C. in the British

Dana Reitz, choreographer, New York City: choreography.
Thomas Roma, photographer, Brooklyn: photogra-

pny.

Leo Rubinfein, photographer; adjunct assistant professor of art, Fordham University; photography.

Dr. Bruce Saylor, composer; associate professor of
music, Queens College: composition.

music, Queens College: composition.

Dr. Nancy G. Siralsi, professor of history, Hunter College and Graduate Center, City University of New York: place of Avicenna in Renaissance medicine in Padua, Italy.

Dr. Alberto Sirlin, professor of physics, New York University: studies in theoretical particle physics. Joan Snyder, artist, New York City: painting. Pat Steir, artist, New York City: painting. Joel Sternfeld, photographer, New York City: assistant professor of photography, Stockton State College, Pomona, N.J.: photography.

George Trakas, sculptor, New York City: sculpture.

Nina Wiener, choreographer, New York City; choreography.

ography.
Hannah Wilke, sculptor; Instructor in sculpture,
School of Visual Arts: sculpture.
Susan Wilmarth, artist, New York City: peinting.

UPSTATE NEW YORK

Dr. Benedict R. O'G. Anderson, professor of government and Asian studies, Cornell University: state and society in the making of modern Indonesia.

and society in the making of modern Indonesia.

Dr. Douglas E. Ashford, professor of government,
Cornell University: the political development of
the European welfare state.

Dr. Robert J. Barro, John Munro Professor of Economics, University of Rochester: the effects of
monetary policy and the government's budget on
inflation and real economic activity.

Marilyn Bridges, photographer, West Henrietts;
photography.

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Dr. Richard C. DiPrima, Eliza Ricketts Foundation Professor of Mathematics, Rensselaer Polytechnic Institute: studies in nonlinear stability.

Dr. Glen H. Elder Jr., professor of human development and sociology, Cornell University: developmental and historical perspectives on the course of life.

life.

Dr. Peter Heller, professor of German and comparative liferature, State University of New York at Buffalo: Freudians and Freud in Vienna, 1928-32.

Dr. Anthony W. Knapp, professor of mathematics, Cornell University: studies in representation

Dr. MacGregor Knox, associate professor of history, University of Rochester: foreign and domestic policy in Fascist Italy and National Socialist Ger-

many.

Dr. David L. Kohlstedt, associate professor of meterials science and engineering, Cornell University: the development, structure and sliding of grain bounderies in geologic materials.

Catherine Murphy, artist, Poughkeepsie: painting.

Dr. Richard G. Niemi, professor of political science, University of Rochester: application of a theory of fair political districting.

Dr. G. Bingham Powell Jr., professor of political science. University of Rochester: astronicis political science.

r. G. Bingham Powell Jr., professor of polifical sci-ence, University of Rochester: extremist polifical parties and democratic polifical performance, r. Mary Ann Radzinowicz, professor of English, Cornell University: Milton's epics and the Psalms, rr. Robert C. Richardson, professor of physics, Cor-nell University: studies of the ground state of ma-

Dr. Stephen Saunders Webb, professor of history, Syracuse University: Mariborough's empire, 1681-1722. Tobias Wolff, writer; assistant professor of English, Syracuse University: fiction.

CONNECTICUT

Dr. Arthur E. Broadus, associate professor of medicine, Yale University School of Medicine: isolation of the factor responsible for the hypercalcemia of malignancy.

r. Roberto Gonzalez-Echevarria, professor of Spenish, Yale University; narrative rhatoric in Spanish America.

Dr. Jan T. Gross, assistant professor of sociology, Yale University: Soviet rule in Poland, 1939-41. Dr. Maynard Mack, Sterling Professor Emeritus of English, Yale University: a life of Alexander Pope.

Dr. Frederick Naffolin, professor of obstetrics and

gynecology, Yale University School of Medicine: the structure-function relationship in neuroendo-

crinology.

Dr. Arthur H. Saxon, writer, Fairfield: a biography of P. T. Barnum.

or P. T. Barrium.

Dr. Frank M. Turner, associate professor of history, Yale University: a history of British intellectual life, 1776-1914.

Dr. Craig M. Wright, professor of the history of music, Yale University: 10 centuries of music and ceremony at Notre Dame in Paris.

NEW LERSEY

Dr. Merthe Constantine-Paton, associate professor of biology, Princeton University: studies of the cell

surrace in the vertebrate retina.

Dr. Harold W. Kuhn, professor of mathematical economics, Princeton University: the formulation and calculation of economic equilibriums.

Dr. Coral Lansbury, professor of English, Camder College of 45 is and Sciences, Rutgers University Victorian literary and social responses to vivised

Tion.

Dr. A. Waiton Litz, Holmes Professor of Belies Lettres and professor of English, Princeton University: a history of literary modernism in England and America, 1909-23.

Robert Mark, professor of civil engineering and architecture, Princeton University: a reinterpretation of ancient Roman structure.

Dr. Calvin Martin, associate professor of history Rutgers College: the biological conquest of the Morth American Indian.

North American Indian.

François Rigolot, Meredith Howland Pyne Professor of French Literature, Princeton University

the text in the French Reneissance.

Fr. English Showaiter Jr., professor of French Camden College of Arts and Sciences, Rutgers University: an edition of the letters of Madame de

University: an edition of the letters of Madame de Graffigny. r. William T. Silfvast, member of the technica staff, Electronics Research Laboratory, Bel Laboratories, Holmdel: plasma energy storage and short-wavelength lasers.