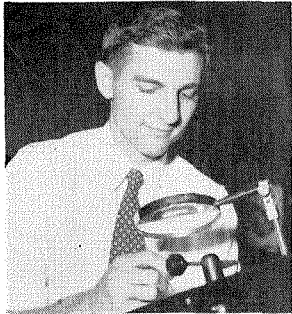
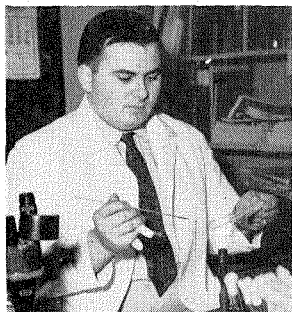


SUMMER FELLOWS

A NEW APPROACH TO SCHOLARSHIPS



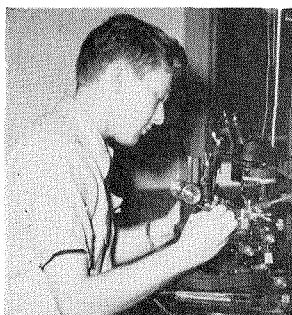
Kaiser



Gershowitz



Eggman



Ripley

SEVENTEEN GRADUATE STUDENTS working in biology and closely related fields at the Institute have just been announced as recipients of McCallum Foundation Summer Scholarships for 1951.

The McCallum Foundation was established by Arthur McCallum and his wife, Helen. Mr. McCallum is president of Flako Products Corp. of New Brunswick, N. J., which manufactures Flako Pie Crust Mix as well as mixes for biscuits, shortcake, popovers, cup cakes and corn muffins.

The Foundation has already set up a McCallum Fellowship at the Institute—an annual grant of \$2500 made to a student working in a field basic to nutrition. The first McCallum Fellowship, for 1950-51, was granted to George Ellman for work with *Neurospora* mutants.

The new McCallum Summer Scholarships are unique—to the California Institute at least. One of the most urgent needs in the way of fellowship assistance at the Institute has been for a fund that could be used to help graduate students who want to continue their thesis research work during the summer months.

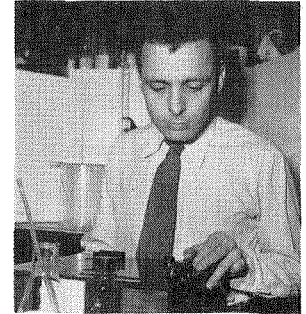
Most of these students have Tuition Scholarships and Graduate Assistantships, on which they do part-time assisting in teaching during the school year. For this service they are given \$100 a month over and above their tuition. But during the three summer months they have no source of support unless some sort of make-shift employment is arranged, or grants-in-aid are made to them from funds not primarily intended for this purpose.

The McCallum Foundation Summer Scholarships are intended to help tide such students over the summer, and permit them to continue their thesis research work. The total fund of \$5,100 provides \$300 to each of the seventeen Fellows for this purpose.

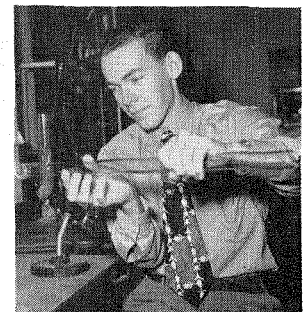
The seventeen recipients of summer scholarships:

ARMIN DALE KAISER, 23, Piqua, Ohio, for virus research.

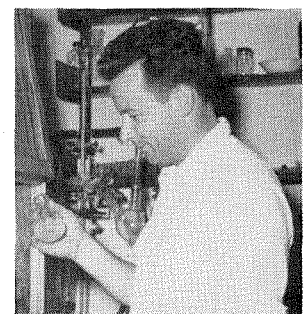
HENRY GERSHOWITZ, 26, New York City, for studies of the mode of action of a *Neurospora* gene which seems to have a triple function.



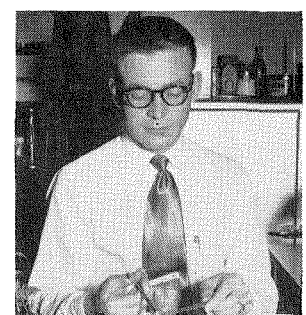
Fischer



Crosby

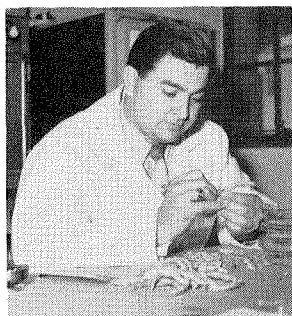


Good

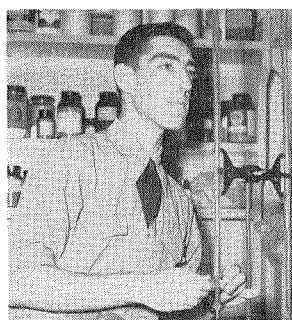


Jansen

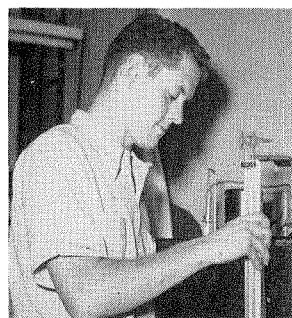
Seventeen graduate students win McCallum Scholarships



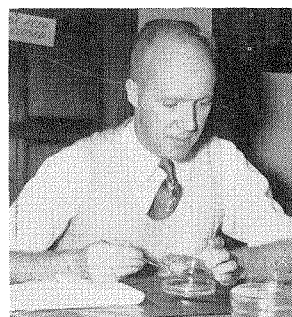
Viglierchio



Ames



Kurtz



McRae

WILLIAM LUTHER EGGMAN, 27, Walton, Indiana, for work on the characterization of the major protein fraction of green leaves.

SHERMAN HARVEY RIPLEY, 24, Pietermaritzburg, South Africa, for work on neuromuscular physiology.

GLENN ALBERT FISCHER, 29, Pritchett, Colorado, for studies of the enzymatic differences between mutants and wild-type strains of *Neurospora*.

DONALD GIBSON CROSBY, 22, Portland, Oregon, for research into the problem of how plants make their chemicals.

NORMAN EVERETT GOOD, 34, Ontario, Canada, for work on the metabolism of the amino acid lysine.

LEONARD LEROY JANSEN, 29, Lubbock, Texas, for studies of the growth factor requirements of fruit development.

DAVID RICHARD VIGLIERCHIO, 25, Madera, California, for a study of a wound hormone of the navel orange.

BRUCE NATHAN AMES, 22, New York City, for studies in the biochemistry of the amino acid histidine.

EDWIN BERNARD KURTZ, 34, Iowa City, Iowa, for studies of the waxes and fats of plants.

DOUGAL HAROLD McRAE, 34, Vancouver, B. C., for a study of the effect of vitamin inhibition on the growth of plants.

BRUCE HOLLOWAY, 22, Adelaide, Australia, for studies on the genetics of fungi with the aid of the red bread mold called *Neurospora*.

GEORGE RICHARD DUBES, 24, Sioux City, Iowa, for work on the elucidation of the growth requirements of certain unknown mutants in *Neurospora*.

GEORGE LEON ELLMAN, 27, Chicago, for work on the isolation and identification of phosphate-containing compounds in *Neurospora*.

IRVING RAPPAPORT, 26, Brooklyn, New York, for a study of the organ specificity of chickens and rats.

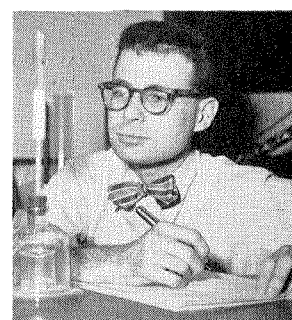
JOSE LUIS REISSIG, 24, Buenos Aires, Argentina, for a study of the metabolism of threonine.



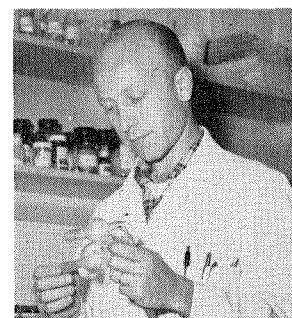
Holloway



Dubes



Ellman



Rappaport



Reissig