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## under Changing Income

 and EmploymentBY CLARENCE D. LONG
The Johns Hopkins University


A STUDY BY THE
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# The Labor Force under Changing Income and Employment 

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# TO THE MEMORY OF MY FATHER 

## THE GREATEST TEACHER

I HAVE EVER KNOWN

## PREFACE

It is always pleasant to recall debts that have enriched the borrower and, were it not that a long book ought to have a short preface, I should list my obligations in the full length they deserve. I am indebted to the Institute for Advanced Study for permitting me during the first half year of this book's preparation to complete a term of membership which I had begun before entering the service. I am grateful for the counsel of the late Walter W. Stewart, Leo Wolman, and the late Robert Warren, and for the inspiration which I received many years ago from that wonderful teacher and splendid man, the late Frank D. Graham. Finally, I owe Arthur F. Burns for nothing less than my appreciation of the meaning of scientific investigation, gained over many years of association with him at the National Bureau of Economic Research and the Council of Economic Advisers.

But no investigator can do his best without competent assistants to help him along or vigorous critics to keep him alert, and in neither respect have I been underprivileged. My assistants at one time or another in the past have been Donald Creecy, Susan Dischka, Esther Donahue, Harry Eisenpress, Rashi Fein, Louis Frisco, Stanley Kurta, Janette Rainwater, George Stepanovich, Fumie Yamamoto, and Margaret Chen. My critics have included Arthur F. Burns, the late Daniel Carson, Paul H. Douglas, Louis Ducoff, John Durand, Solomon Fabricant, Simon Kuznets, Wassily W. Leontief, Geoffrey H. Moore, Gladys Palmer, S. H. Ruttenberg, Leo Wolman, and W. S. Woytinsky. Emilie M. Hatfield edited the manuscript. H. Irving Forman drew the charts.

Clarence D. Long
Baltimore, Maryland

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