





Life in North Carolina in 1950



Loomery Mill - Durham



High Point - The Furniture City



Textile Supply House - Charlotte



Silk Mill - Durham



Tobacco Plant - Durham



Wheelbarrow Factory - Asheboro



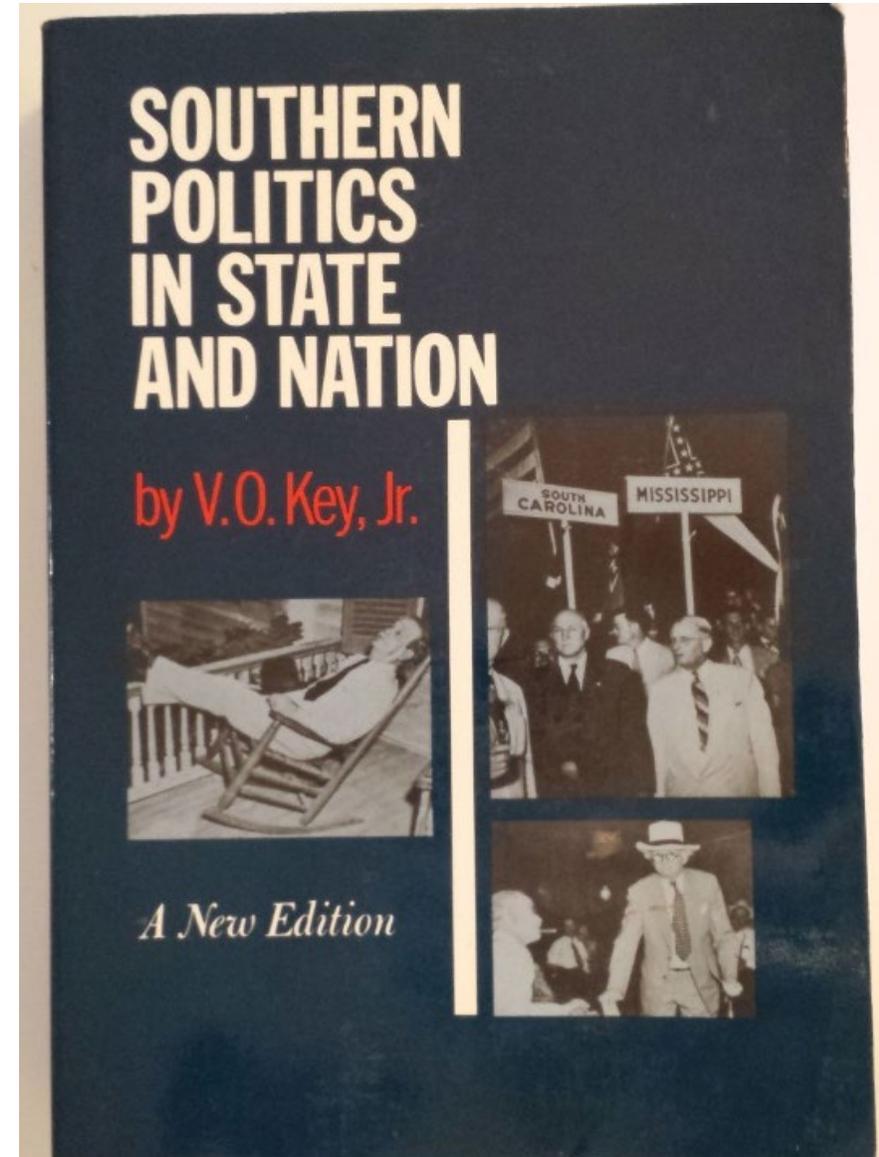
**Manufacturing
- in -
North Carolina**

Flour Mill - Henderson



With its relatively few baronial slaveholders, North Carolina became conscious of its lowly position... A poor relations complex put the state on the defensive. But if there was a sentiment of inferiority, it was belligerent. **And if the elegant accomplishments of others gave it an awareness of mediocrity, the mediocrity was militant.**

Industrialization has created a financial and business elite whose influence prevails in the state's political and economic life. An aggressive aristocracy of manufacturing and banking, centered around Greensboro, Winston-Salem, Charlotte, and Durham, has had a tremendous stake in state policy and has not been remiss in protecting and advancing what it visualizes as its interests. Consequently, a sympathetic respect for the problems of corporate capital and of large employers permeates the state's politics and government.



Gov. Hodges



The field of statistics is certainly wide open to women. If you are willing to take the mathematics and science courses and then work very hard to get beyond the junior level, there are all sorts of opportunities to go as far as you wish.

There are no good materials on careers in this field for it is a very new science.

I hope this helps you decide whether you are interested in statistics.

Sincerely,

Gertrude M. Cox, Head
Statistics Research Division

GMC:afm

December 2, 1959

Miss Pat Barber
Rural Route 5
Frankfort, Indiana

Dear Miss Barber:

Your letter sent to the University of Michigan for some reason has reached me by way of the University of North Carolina.

I believe very strongly that girls should prepare for a profession, even though their main aim is to get married. If you are interested in science and mathematics, these are the backgrounds on which our statistics is built. Of course, a well-rounded education in communications, history, economics, and languages is essential.

The field of statistics as a basic science can be oriented toward the mathematical emphasis or towards the use of statistics to serve other fields. For our training of experimental statisticians we require a substantial amount of education in other sciences such as biology, physics, or chemistry.

The area of statistics is most interesting and challenging. With a B.S. degree in mathematics, you would be somewhat limited to computing, but this is better paying than secretarial work. A higher degree in statistics would permit you to move along about as far as you wish.

In the area of experimental statistics, we cooperate with the research workers in other science areas with the planning and then with the evaluation and interpretation of their research results. I could give a list of a variety of interesting areas in which I have cooperated such as, the best methods of raising flowers in a greenhouse, development and selection of new varieties of corn, the nutritional problems among the Indian children in Guatemala, how to sample gold in South Africa, variations in ways to make instant frosting for cakes, how to evaluate the effectiveness of fly sprays, and many others.

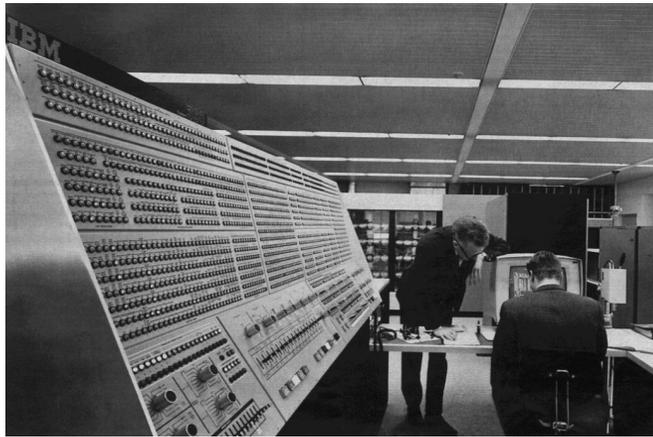


Cox Hall



Dr. Cox Honored
gets kiss from Chancellor Caldwell

The most well known of his principles was what he called Brooks's law: "Adding manpower to a late software project makes it later."

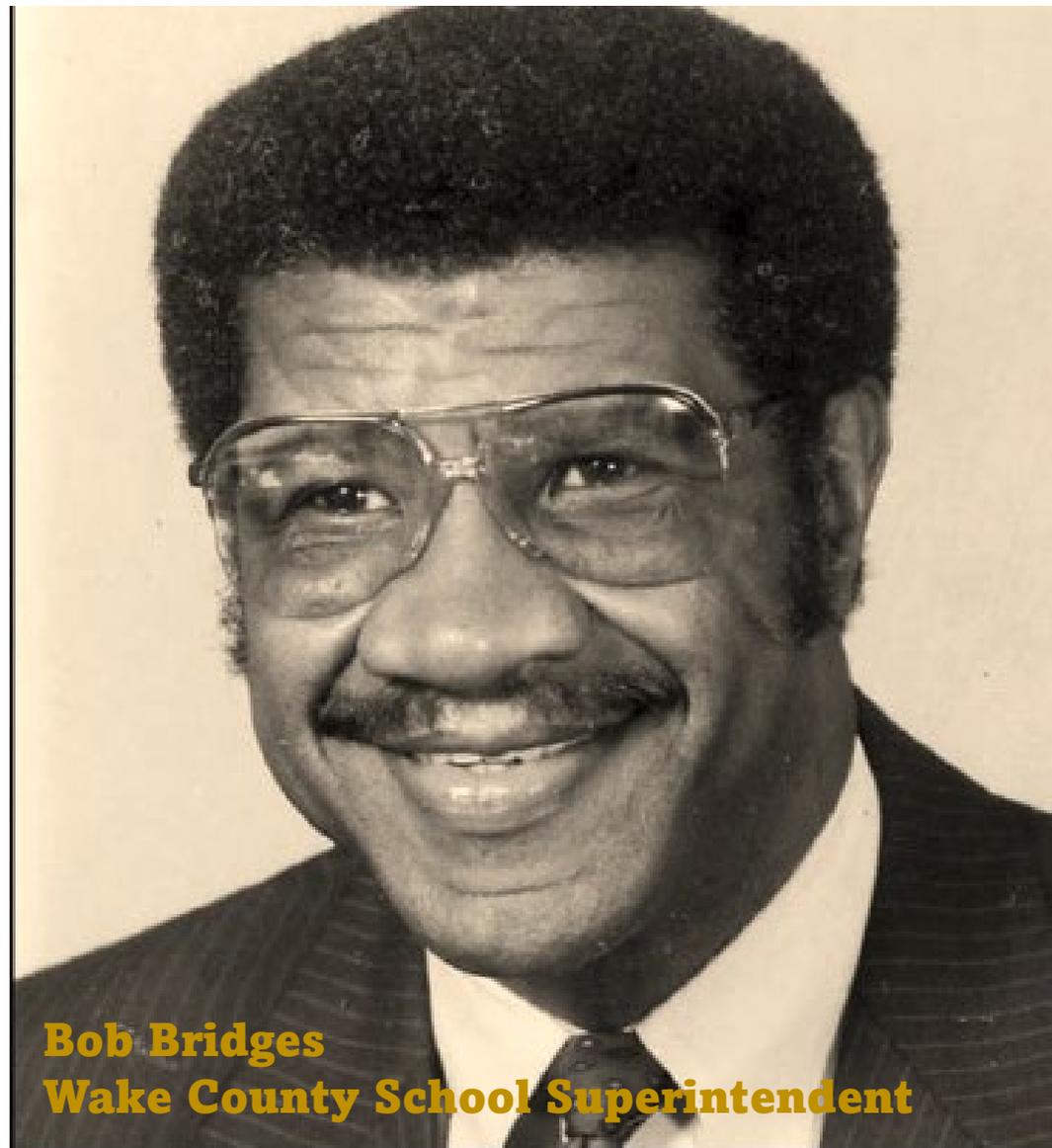


Dr. Brooks at the official introduction of the IBM System/360, a family of six compatible computers, in 1964. He had been a champion of enabling programs written for one 360 model to run on the others, which was uncommon at the time. IBM Archives

Dudley Flood
Assistant State Superintendent



Bob Bridges
Wake County School Superintendent





Charles Hamner / NC Biotech Center

Mary-Dell Chilton



Career Highlights and Awards

Dr. Chilton has been recognized for her extensive contributions to science. Notable awards include the World Food Prize in 2013 and the Benjamin Franklin Medal, joining an esteemed group of historical honorees including Thomas Edison, Pierre and Marie Curie, Albert Einstein and Stephen Hawking.





Mr. [Name]
[Title]
[Organization]

Mr. [Name]
[Title]
[Organization]



