### An Online Professional Development Seminar



#### Edward J. Balleisen

Associate Professor of History and Public Policy

Duke University

National Humanities Center Fellow 2009-10





#### **GOALS**

- To explore the connections between mass production and the creation of mass consumerism and its long-term implications for the structure of American business.
- To introduce some enduring ideas about corporate strategy, American business institutions, and modes of regulating American business that emerged in the 1920s.

#### From the Forum



- How did the emergence of a consumer society figure into the rural-urban divide that played such a prominent role in other issues in the 1920s, like Prohibition?
- Were the consumer economy and the credit buying that made it possible essentially urban phenomena?
- How did people in the 1920s respond to the increase of "financial" wealth generated by the Stock Market and that produced by the "real" manufacturing economy?
- ➤ What happened to Progressivism during the 1920s?
- How does the consumer economy of the 1920s relate to the corporate consolidation of the late 19th and early 20th centuries?
- ➤ How did the consumer economy of the 1920s set the stage for the Great Depression?
- What are the benefits and drawbacks of an economy heavily dependent on consumer spending?
- ➤ How does today's consumer economy compare with that of the 1920s?





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Legal History, Business History, History of Policy

Navigating Failure: Bankruptcy and Commercial Society in Antebellum America (2001)

Government and Markets: Toward a New Theory of Regulation (ed.) (2010)

Suckers, Swindlers, and an Ambivalent State: A History of Business Fraud in America (Forthcoming)



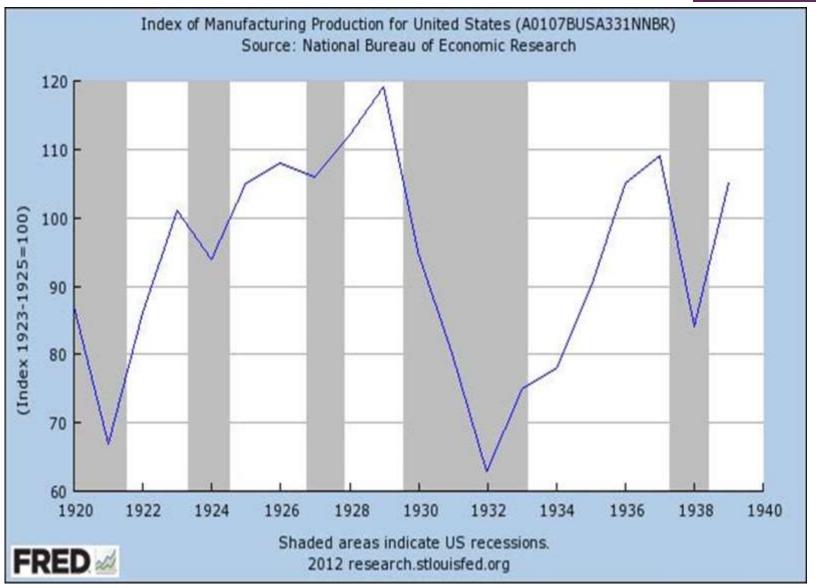
- Dynamos of Productivity
- ➤ The Imperative of Mass Consumption
  - The Science of Selling
- Remaking Corporate Organization
  - General Motors versus Ford
- ➤ The Limits of Laissez-Faire
  - Government-Facilitated Business Self-Regulation



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### **Index of Manufacturing Production for United States**





### Production Worker Employment, Manufacturing, Total for United States

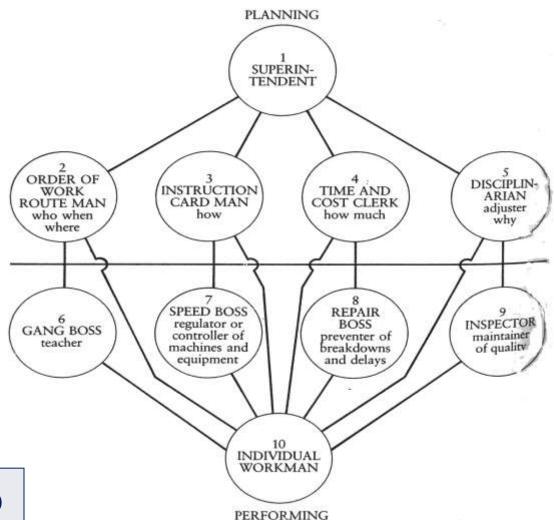




### "Scientific Management" and Mass Production



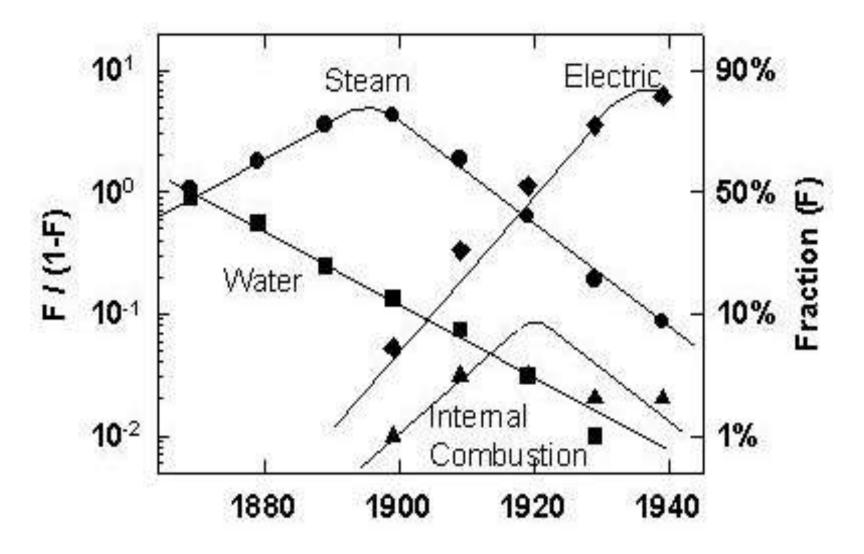




Frederick Winslow Taylor, c. 1900

# Sources of Manufacturing Power in the US, 1880-1940: Electrifying the Factory





### **Civic Pride in Factory Electrification**



# CHICAGO DISTRICT LEADS IN FACTORY ELECTRIFICATION

#### BY HARPER LEECH.

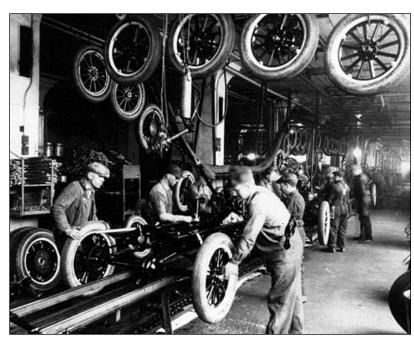
In this time of stock taking few figures are more significant to midwesterners than those gathered by the Electrical World, which show that the north central states now lead all other sections in the electrification of industry. Manufacturing in this region is now 64 per cent electrified, and 58 per cent of manufacturing buys its power from central generating stations.

The extent to which the new industrial revolution has proceeded may be gathered from the fact that industrial establishments in the north central west have 669,616 electric motors of 7,949,849 horse-power.

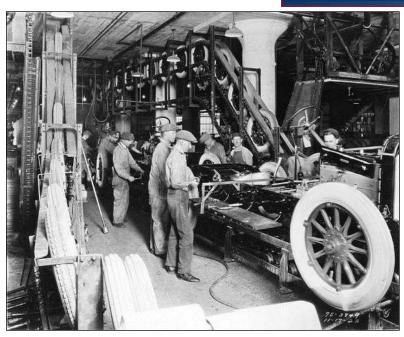
Chicago Tribune, Nov. 21, 1925

## **Impact of the Assembly Line**





Systematic redesign of the workplace





### Significance of New Technologies











# The New York Times, March 1, 1925



#### ELECTRIC INVENTION TAKES A LOOK AHEAD

Research Men Foresee Radio Improvements, Better Power Transmission, New Knowledge of Atoms-Inventors Now Work in Groups

By S. S. DEFFER.

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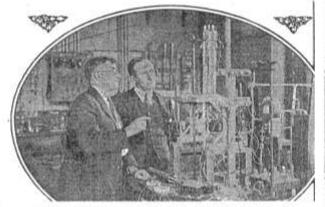
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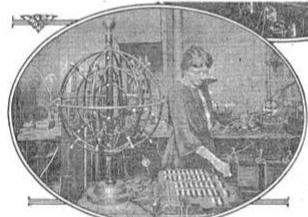
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Dr. W. H. Branchy. Streeter at the Steamer Street, Laboratory.

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# Advertising Spending in the U.S., 1919 - 1929



Year	Total Ad Spending (m.)	Ad Spending in News, Mags., Radio, TV (m.)	GDP (b.)	Ads as % of GDP
1919	1,930	733	78.3	2.5%
1920	2,480	830	88.4	2.8%
1921	1,930	940	73.6	2.6%
1922	2,200	1,017	73.4	3.0%
1923	2,400	1,101	85.4	2.8%
1924	2,480	1,188	87.0	2.9%
1925	2,600	1,281	90.6	2.9%
1926	2,700	1,355	97.0	2.8%
1927	2,720	1,432	95.5	2.8%
1928	2,760	1,493	97.4	2.8%
1929	2,850	1,560	103.6	2.8%

### **Making Installment Credit Normal**





Leatheroid carrying case, oiler, instructions free on this offer. Send no money-just the coupon. Without delay or red tape we will send you the Corona. Try it 10 days. If you decide to keep it, send us only \$2-then \$3 a month to buy. This offer may never be repeated. Mail coupon now.

Ad in McClure's, Jan. 1929

### **Installment Credit Enters American Popular Culture**





Pupil: AW, I KNOW-THE RADIO INSTALMENT COLLECTOR.

Life, December 9, 1926

#### The Debate Over Installment Credit



"From the replies as classified and digested for *The Oregonian* by the Lumberman's Trust Company Bank of Portland, the following statement of majority opinion is drawn up:

Instalment buying is the backbone of America's prosperity, by leveling out the production curve. It has almost banished unemployment, creating more jobs through the increased production made necessary by the tremendous consumer demand.

It has reduced the average cost of necessities and luxuries through quantity manufacture. It has increased wages, encouraged thrift and ambition, prevented spasmodic business depressions and made it possible for the wage-earner of America to find contentment in the possession of those things which even the rich of other countries seldom can afford."

—"More Light on Instalment Selling:"

### Demonstrating Lifestyle – Early 1920s Chicago Department Store Show Window





## **Selling through Demonstration**–



Dealer Demonstrates Electrical Appliances to Sewing Circle.

We have in mind now a plan which was put in effect by a dealer to have his electric shop associated in the minds of his community as a house of service. Nothing was seemingly too laborious for him or his organization to do with regard to information and service to anyone. This dealer could well be nicknamed a "Go-Getter." He launched the idea by putting in six electric sewing machines, nicely arranged on sewing tables, and then sent special invitations to the ladies' aid society of one of his local churches, stating that they were at liberty to visit his store on a certain date and to bring their sewing, which all churches do more or less for missions. He further stated that at noon-time he was going to extend to them a buffet lunch. He took particular pains to arrange his store attractively with the articles displayed in such a manner that each of the ladies present might actually make their own demonstrations to ascertain the operation of the various articles.

Passage from "Marketing Washers and Vacuum Cleaners in the Home"

### The Roots of "Scientific Selling":



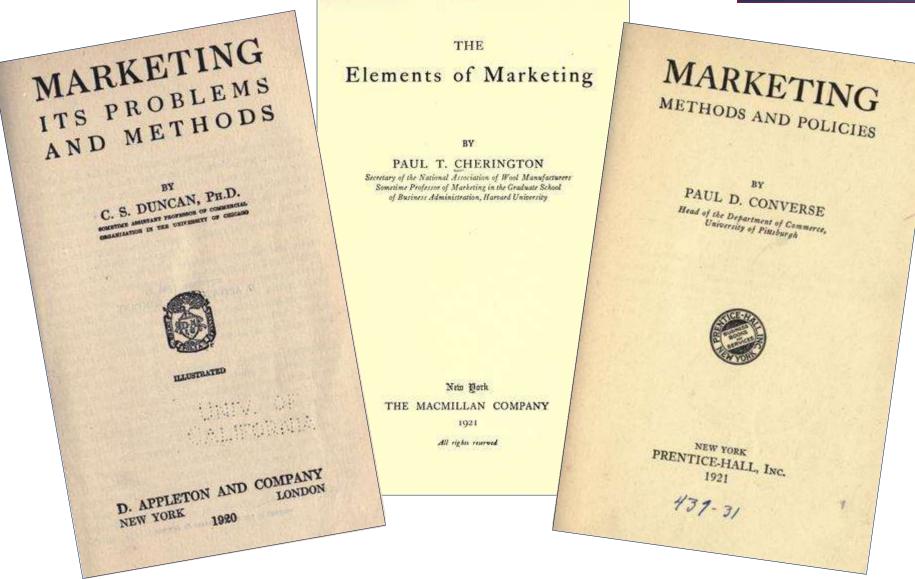


CLIMB UP ON THE FRIENDLY SHOULDERS

1907 Illustration from *Salesmanship* Magazine

# The Market for "Scientific" Marketing







- Dynamos of Productivity
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### Henry Ford with Model T in Buffalo, NY, 1921





From the Collections of The Henry Ford. P.O. 3015.A

### Henry Ford As Managerial Wizard



MAYBE WE CAN ALL HAVE COAL-HENRY FORD IS GOING TO PRODUCE IT IN OHIC



"Maybe We Can All Have Coal – Henry Ford is Going to Produce it in Ohio"

Los Angeles Times, Nov. 22, 1922

# **Siren Song of Efficiency**



"We do not know very much about anything as yet. We still waste more than we use. We waste men, we waste materials, we waste everything, and consequently we have to work too hard and too long to accomplish what in the end amounts to very little. But at least we are learning that above everything we need management —that no matter how much science we have, no matter how much machinery we have, no matter how much power we have, we cannot get anywhere without the kind of management which extends from the smallest detail to the whole purpose of what you are about."

—"What I Have Learned about Management in the Past 25 Years," Henry Ford

"Women today are managing their homes as husbands manage their business—along scientific, mechanical lines—and we are not sure but that the housewife is doing a better job managing her home than some business men in their attempts at managing a business."

—"Marketing Washing and Vacuum Cleaners in the Home"

# **Segmented Marketing** at General Motors in the 1920s



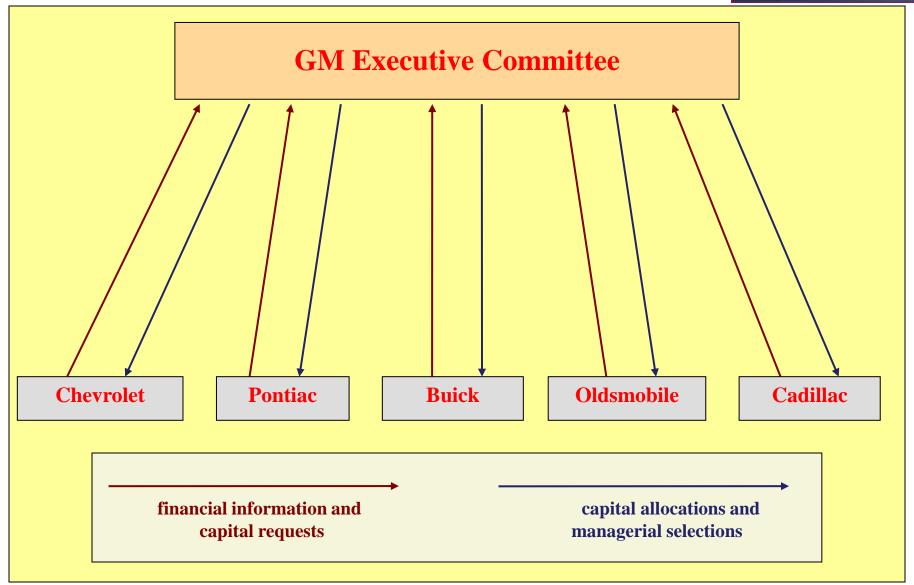






# Decentralized Management at GM, circa 1930



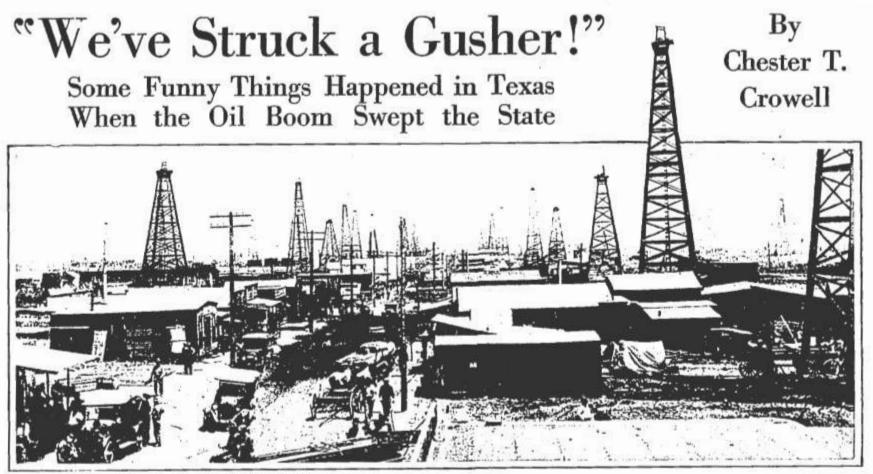




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# Unleashing Development: Booms in Oil *The Independent*, April 20, 1920



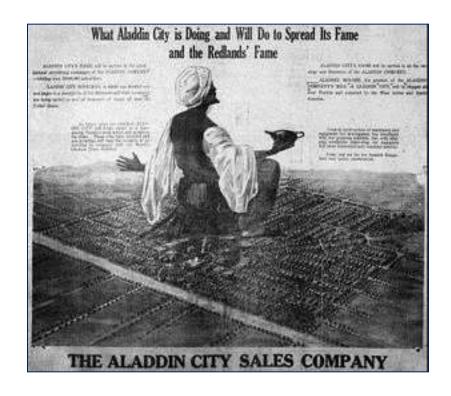


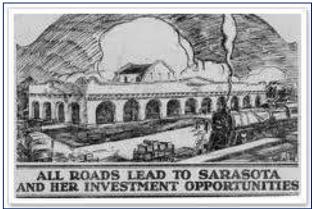
Copyright, International Magazine Company, Permission Cosmopolitan Magazine.

After four years of crop failure, in the spring of 1919 the farmers of Central West Texas were twice blessed —with bumper wheat crops and with an oil boom that sprayed liquid wealth over the entire countryside

# **Unleashing Development: The Boom in Florida Real Estate**









#### **Hoover on the Role of Government**



"Nor do I wish to be misinterpreted as believing that the United States is free-for-all and devil-take-the-hind-most. The very essence of equality of opportunity and of American individualism is that there shall be no domination by any group or combination in this republic, whether it be business or political. On the contrary, it demands justice as well as political and social justice. It is no system of laissez faire."

—"The New Day," Herbert Hoover

"Years ago the Republican administration established the principle that such evils could be corrected by regulation. It developed methods by which abuses could be prevented while the full value of industrial progress could be retained for the public. It insisted upon the principle that when great public utilities were clothed with the security of partial monopoly, whether it be railways, power plants, telephones, or what not, then there must be the fullest and most complete control of rates, services, and finances by government or local agencies. It declared that these businesses must be conducted with glass pockets."

—"The New Day," Herbert Hoover

# GREATER BUSINESS SELF-RULE PRAISE

U. S. Trade Commission Cites Growli. Also in Export Association's Returns.

13 INVESTIGATIONS MADE

#### (Associated Press.)

An "enormous increase" in the selfregulation of American business and the trebling of export trade since 1926 under the export associations were reviewed restorday in the annual report of the Pederal Trade Commission, which urged the creation of an enforcement power for industrial trade practice under conterence rulings.

Investigations of thirteen industrial and business activities were conducted during the past year by the commission. The most important was the public utilities inquiry, which is to be carried further, both as to the power companies' publicity methods and their

Self-Regulation Increases,

"Never in the history of American

# Business cleanses its Trade Practices

FEDERAL TRADE COMMISSION POINTS WAY profine for processor and properformings, approaches industry, the butter measurements of the footbook and the necessor molecular forms and the footbook and the necessor molecular name. TO ELIMINATE UNFAIR COMPETITION

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But the species that has confronted the constitution all through those conferences and

## SELF-REGULATION GAINS.

New Federal Policy Discussed by Industrial Conference Board.

Those who have contended that the ultimate success of governmental regulation of business was dependent upon self-regulation have been vindicated in the results of the Federal Trade Commission's new policy of cooperation, counsel and guidance in controlling competition instead of merely prosecuting individual of-fenders, according to the National Industrial Conference Board.

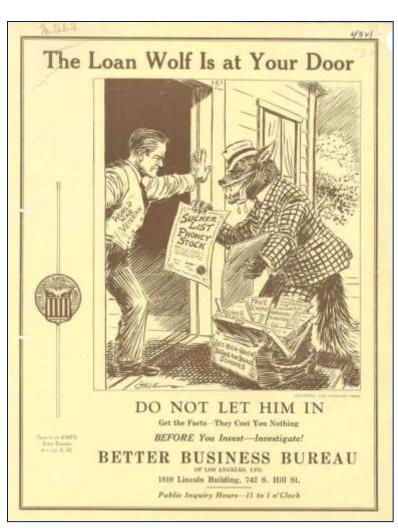
The tendency of the commission to place greater reliance on the forces of self-criticism and business selfcontrol has been manifest in the growing use of trade practice conferences since 1925, the report says.
This strategy, the board believes, has been encouraging both to those who wish effective public administration and those who are interested in elebusiness competition to a

In the period from 1925 to the preshigher plane. ent fifty of these conferences have been held, an average of more than twelve a year. Of this number, however, thirty-two were held during the year ended June 30, 1929. In the past four years the conferences have covered almost every industry and trade carried on in this country.

# **Business Self-Regulation: The Federal Trade** Commission and the "Trade **Practices Conference**"

# Self-Regulation: The War against Business Fraud







A comparison of a credit crook's picture with those already in the Kognes' Gallery at One Park Avenue, New York, being made by C. J. Scully, Supervisor of Investigations, Credit Protection Department, Eastern Division, N. A. C. M.

### **Self-Regulation as Competition-Killer**



Herbert Hoover once gave a trade group an infallible test for knowing just when they ceased to be mere traders and became professional men. This beautiful transfiguration takes place when the trade develops a set of "group ethics." By that test the preachers, apparently, have ceased to be just plain sky pilots and have stepped up to the professional state. They have begun to develop group ethics. They are adopting codes. And like their fellow craftsmen in the soap, nut, lingerie, and egg noodle lines, they start off with fine phrases about "the people" and "serious study," and about the preacher paying his bills promptly. But they soon descend to more practical matters dealing with the means by which those bills are to be paid. "It is unethical, so runs the code, "for a minister to interfere directly or indirectly in the affairs of another parish. Particularly should he be careful to avoid the charge of proselyting." Thus he is not permitted to snatch a brand from the burning if it is being consumed in the flames of error of another member of the association in good standing.

—"Business and Ethics," John T. Flynn



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Final slide

Thank you.