### A little taste of this course

It's the year 2000. There is a new type of business model receiving a lot of popular press and big VC money, "group purchasing." Two big players are Mercata (backed by Paul Allan) and Accompany/MobShop (backed by Marc Andreesen).

The idea was to use internet technologies to find a group of consumers who wanted to buy the same product and then harness their "purchasing power" to negotiate steep discounts from sellers.



mental percent \$24.5

Final Price with 1% wast buyers \$240

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MERCATA

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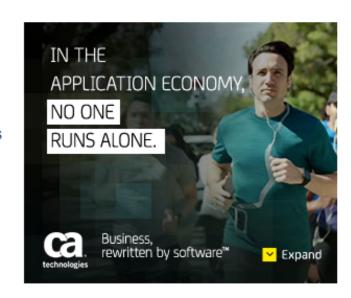
# Paul Allen's Mercata.com Brings Co-Op Buying Experience Online

By **BOB SULLIVAN** MSNBC

Updated May 17, 1999 12:46 a.m. ET

BELLEVUE, Wash. -- Paul Allen isn't just launching another e-commerce arena when Mercata.com (www.mercata.com) opens its doors on Monday. He's going to try to turn the entire retail-sales world on its head. Mercata Inc., which is 100 percent funded by Allen's Vulcan Ventures Inc., is an effort to bring the co-operative buying model to the Internet. The company's mantra: turn e-commerce into we-commerce.

The idea is simple: bundle purchase requests from like-minded consumers, who already have a habit of finding each other on the Internet, and negotiate bulk discounts from manufacturers.



Hiawatha Bray, The Boston Globe, July 25, 1999:

"Round up a bunch of people who promise to buy an item and then go to the manufacturer or distributor and work out a volume discount. Add the internet, with millions of potential customers and the ability to modify prices every second, and you've got the makings of a dramatic transformation in retailing."

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The popular press loved it.

Economists were not so sure.

Economists had been studying buyer size discounts, known as "countervailing power" since at least 1952 (Galbraith). A common feature in many of the models they wrote down was the existence of supplier competition. In other words, if a large buyer can threaten a supplier that it will purchase, instead, from its rival, it might expect to extract large discounts. Absent such a threat, there is reason to be skeptical that such discounts will emerge. These websites were built (unintentionally) to eliminate that threat.

## What happened?

Both were gone by Jan 2001, citing the inability to force seller discounts.

January 4, 2001 3:15 PM PST

# Group-buying site Mercata to shut its doors

By Greg Sandoval and Dawn Kawamoto Staff Writers, CNET News

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August 11, 2000

Mercata, a group-buying site backed by the venture capital firm of Microsoft co-founder Paul Allen, said Thursday it will cease operations at the end of the month.

The Bellevue, Wash.-based company, which withdrew a \$100 million initial public offering Wednesday, said in a statement

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#### Critical Warning Number 6

MobShop, a Group-Buying Site, Drops Its Consumer Business

By LAURIE J. FLYNN Published: January 15, 2001

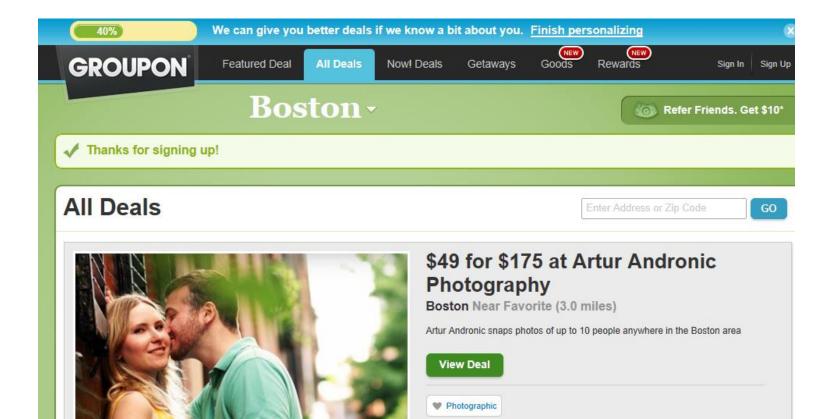
MobShop Inc., one of a handful of companies offering group buying on the Internet, is closing its consumer operations, on the heels of the recent announcement that its chief competitor, Mercata Inc., was going out of business.



### Epilogue, 2008

A new group purchasing website launches.

Any better luck? Around 2014, they quietly drop the group purchasing element of their business.

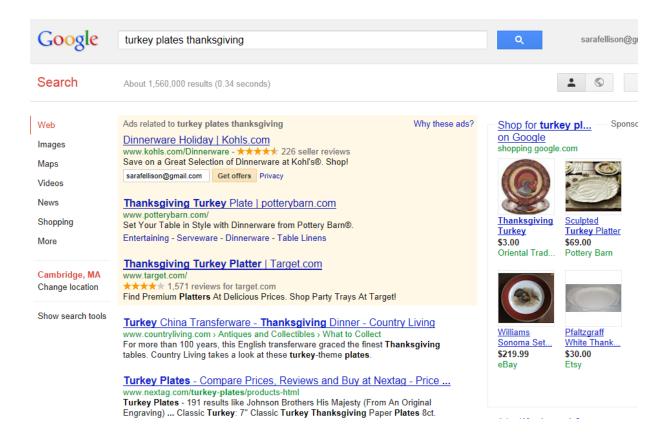


Ok, so maybe economists have something to say about ecommerce, but are you just going to be a bunch of cranks that say "I told you so" when businesses fail? How about some recently-launched ventures or some successful businesses? What can economists tell us?

Here is a preview of a few of the topics we'll talk about this semester.

# Sponsored Search

- How do Google and Bing sell ads?
- Are they good at it?



I'll type in my favorite search term, "turkey platters."



#### Turkey platters





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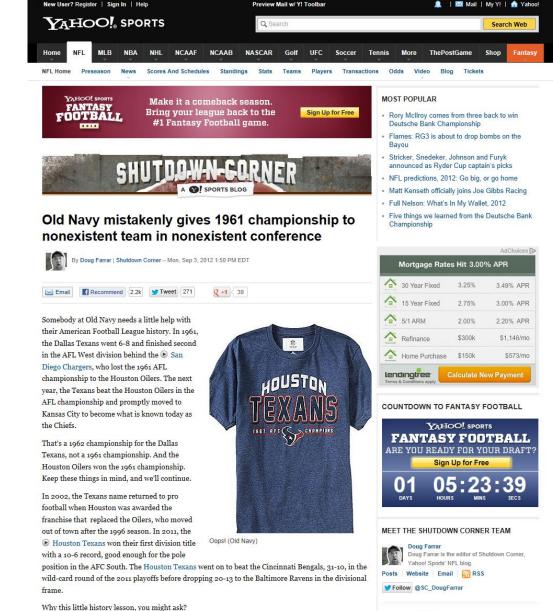
- How does google sell them? Keep in mind that approximately 6 billion queries are typed into google every day.
- They auction them off!

- How does google sell them? Keep in mind that approximately 6 billion queries are typed into google every day.
- They auction them off!---Yes, they run 6 billion auctions every day. (They even run auctions for the queries that do not display ads---it's just that no one is bidding enough to get a spot.)

- Economists know a lot about auctions and can analyze them both theoretically and empirically to answer lots of questions, such as
  - whether google could improve its revenue with a different auction design
  - how advertisers and consumers fare when ads are being sold in this way relative to more traditional means
  - etc . . .

# Display Ads and Privacy

- How do firms like Yahoo serve these ads and determine their effectiveness?
- What do consumers actually think?



Because Old Navy had themselves an epic fail with the replica T-shirt pictured here. The Houston Texans didn't exist in 1961, the Houston Oilers won the 1961 AFL championship, the Dallas Texans weren't even in the playoffs in 1961, and the American Football Conference shown on the shirt didn't

"The NFL clothing sold in our Old Navy stores is created by a third party sports licensing company,"

exist until the AFL and NFL merged into one big NFL in 1970.

[Related: Texans appear ready to deliver on their promise]

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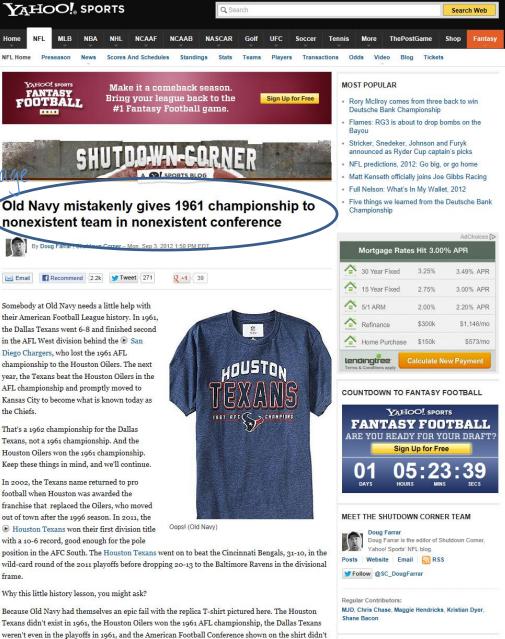
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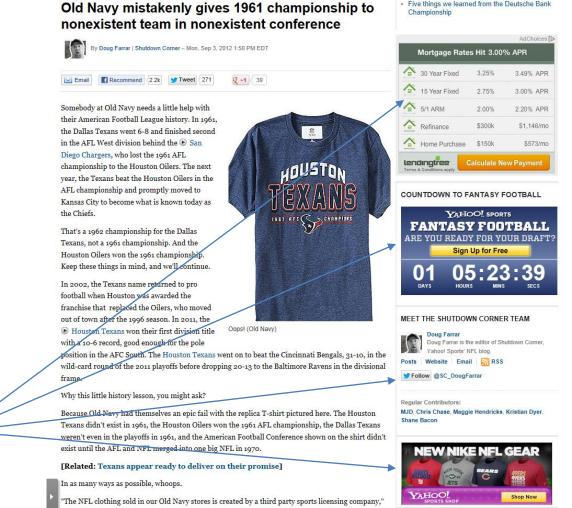
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## **Auction or Posted** Price?

- What factors determine whether a product is sold through an auction or by posted price?
- Should consumers prefer one over the other?



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### Sales Taxes

- How important is avoiding sales tax to consumers?
- What has the effect been on traditional retail?
- Have retailers distorted location decisions to take advantage of taxpreferred status?
- How might the legal landscape change?



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Until very recently, firms were not required to collect sales tax in states where they had no physical presence. This made many online purchases de facto tax-free.

In June 2018, the US Supreme Court held that internet retailers could be compelled by state law to collect sales tax even in states where they have no physical presence (Wayfair vs. South Dakota) reversing the 1992 landmark case Quill vs. North Dakota.