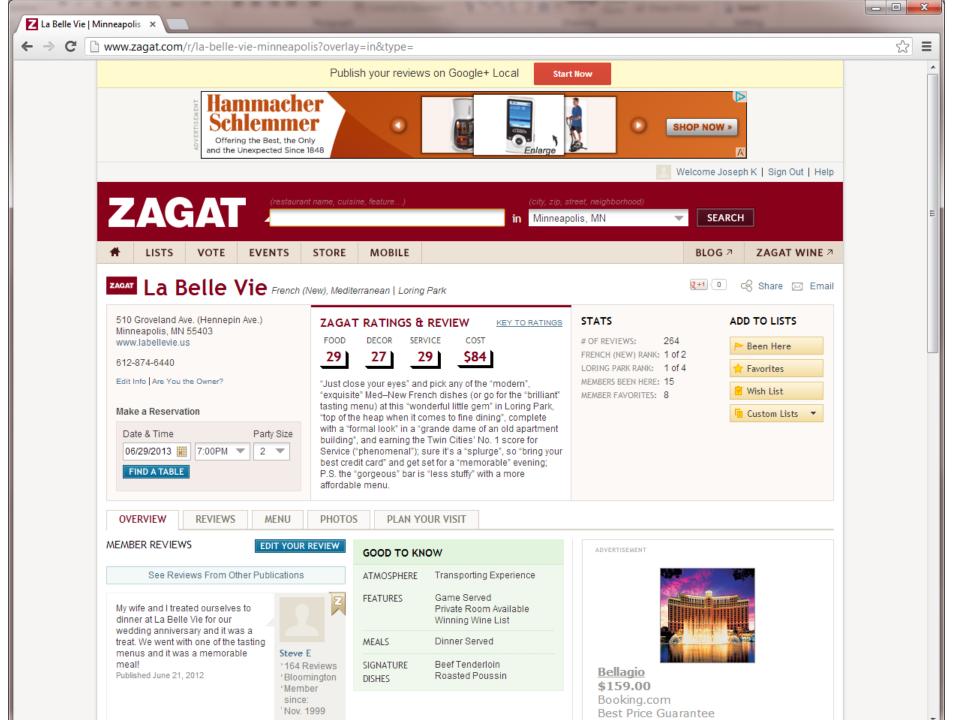
# 2-3: Predictions and Recommendations

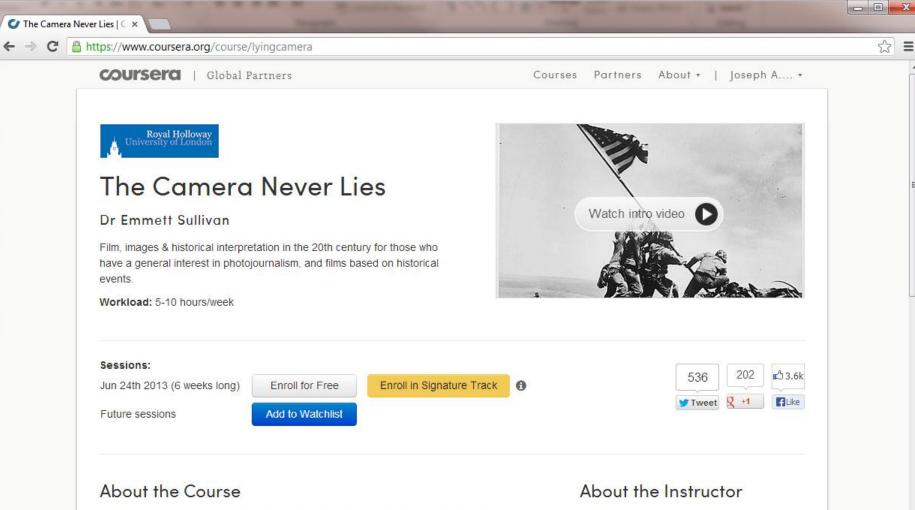
### Learning Objectives

- To understand the ways in which recommender output can be used
- To understand the distinction between predictions and recommendations
- To understand the distinction between organic and explicit presentation
- To review examples and understand which presentation makes most sense in different applications.

#### **Predictions**

- Estimates of how much you'll like an item
  - Often scaled to match some rating scale
  - Often tied to search or browsing for specific products





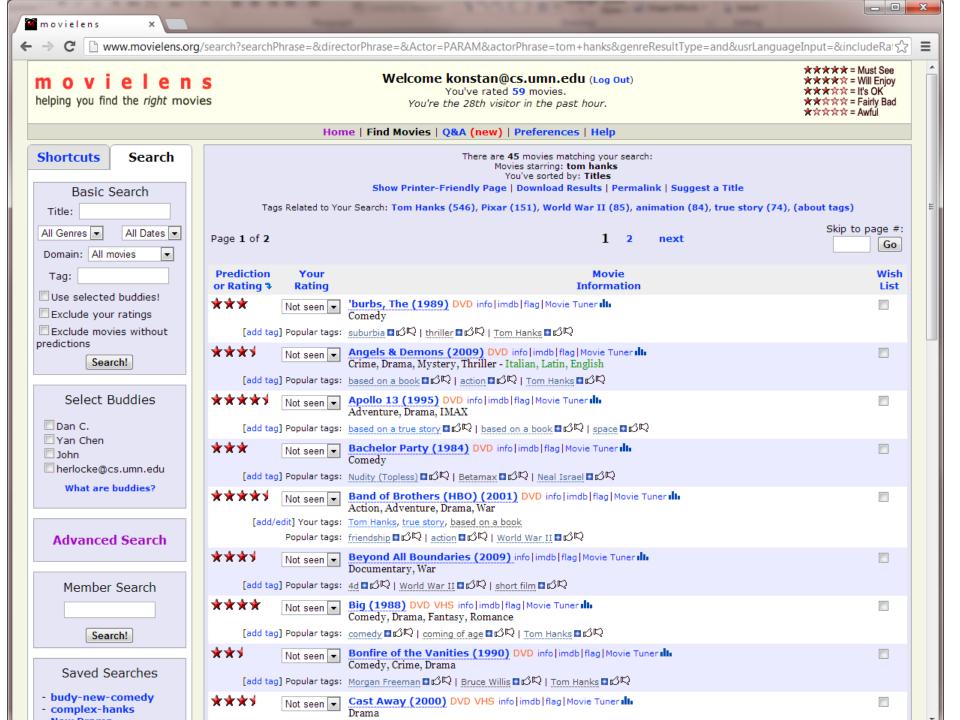
This short course is an introduction to use of photographs as historical evidence in the twentieth century, issues of authenticity and manipulation, and the place of film and historical adoptions as public history.

#### Course Syllabus

- Week 1: The Camera Never Lies Introduction
- Week 2: Images and History in the Twentieth Century
- Week 3: The Air-Brushing of History: Stalin and Falsification
- Week 4: Photojournalism, Authenticity and Matters of Public Acceptability The Battle of Mogadishu
- Week 5: The Power of the Image Mount Suribachi, 1945
- Week 6: From Page to Screen Film as Public History

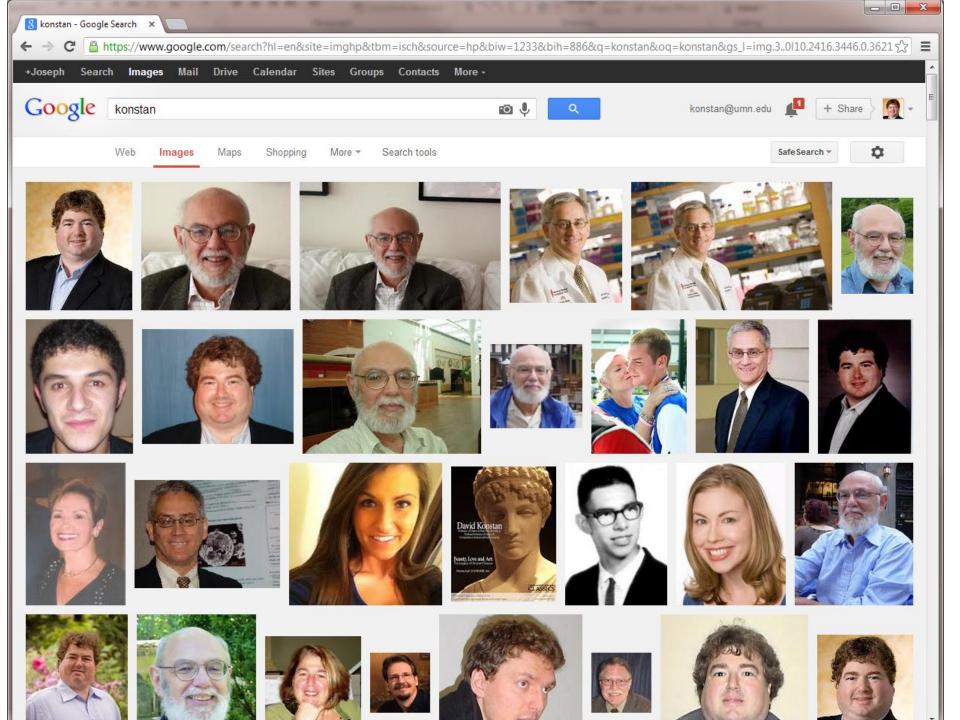


**Emmett Sullivan** University of London International Program... =

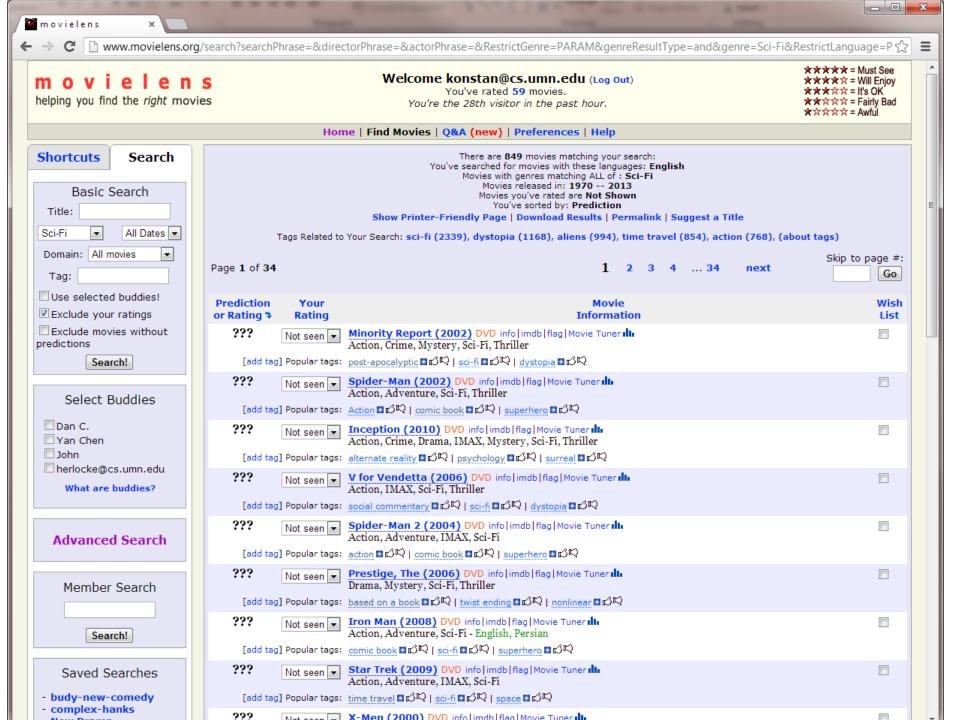


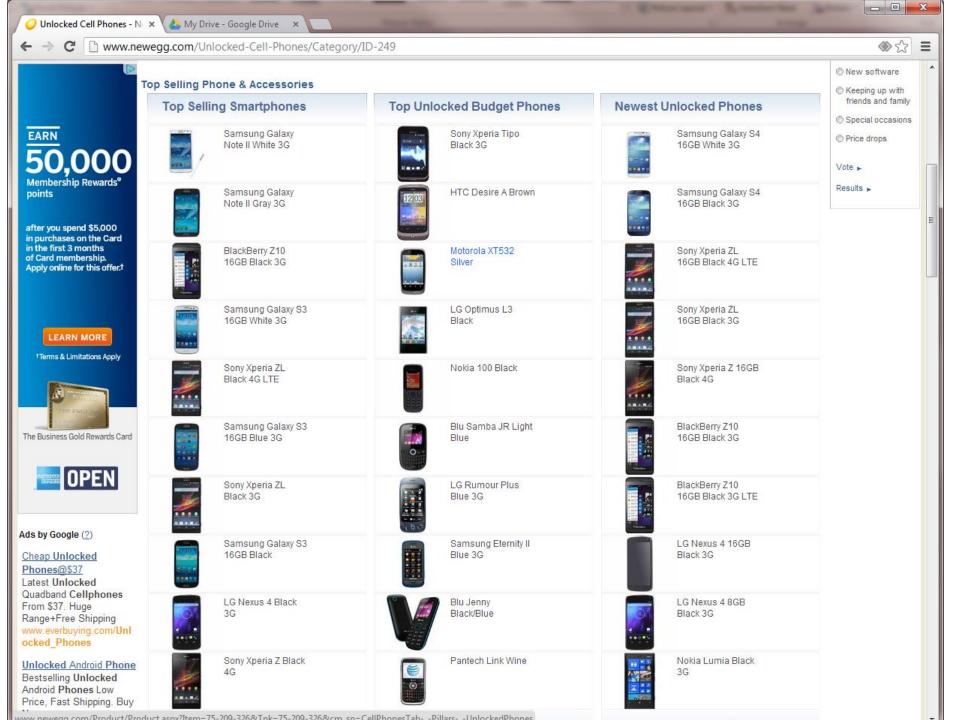
#### Recommendations

- Recommendations are suggestions for items you might like (or might fit what you're doing)
  - Often presented in the form of "top-n lists"
  - Also sometimes just placed in front of you



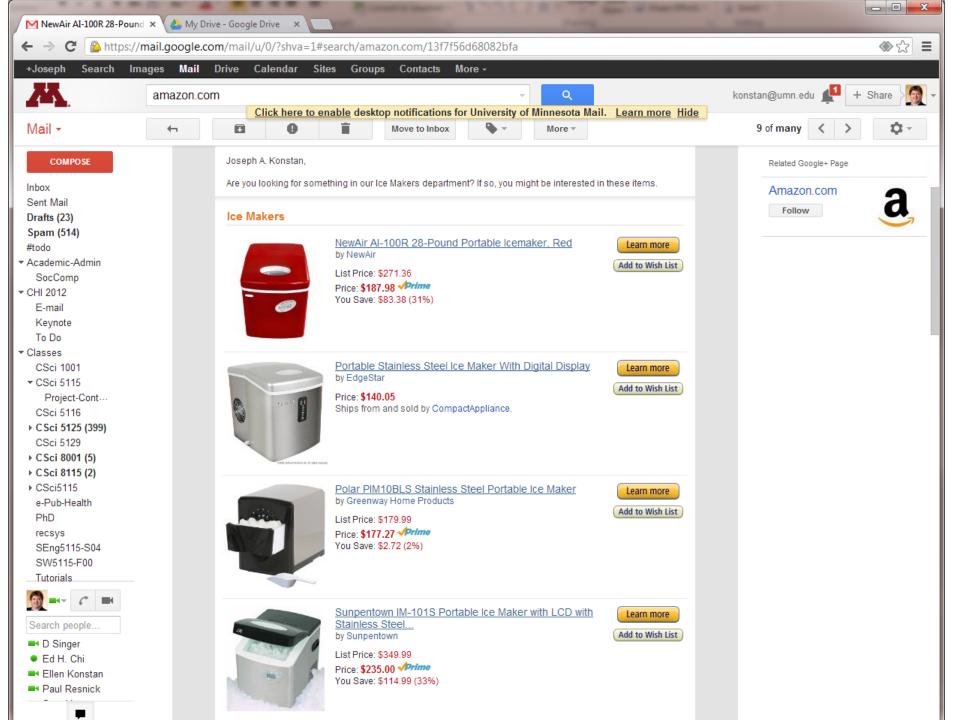
www.movielens.org/adv			
	in Any Any All of the following selected Genres	ma: s'	
Action	□ Drama	☑ Sci-Fi	
Adventure	Fantasy	Thriller	
Animation Children	Film-Noir Horror		
Comedy	Musical	☐ Western	
Crime	Mystery	IMAX	
Documentary	Romance		
	found in the following selected <b>Genres</b>		
Action	□ Drama	Sci-Fi	
Adventure	☐ Fantasy	Thriller	
Animation	Film-Noir		
Children	Horror	─ Western	
Comedy	Musical	☐ IMAX	
Crime	Mystery	_	
Documentary	Romance		
Restrict To Language:			
	All Non-English		
■ Cantonese	∏ Italian	□ Portugese	
□ Dutch	☐ Japanese	Russian	
French	 ☐ Korean	Silent	
☐ German	Mandarin	Spanish	
☐ Hindi	Polish		
Other:			
Restrict to Movies with	release <b>Date</b> (for whichever format is selected)		
Within the L	st 90 Days		
<ul><li>In the range</li></ul>			
From 1970	o 2013		
	ngs 🔘 Your HiddenList 🔘 Your WishList		
Restrict To Format:	OVD VHS		
Don't Show Predictions!			
Include Movies I've Already	Rated!		
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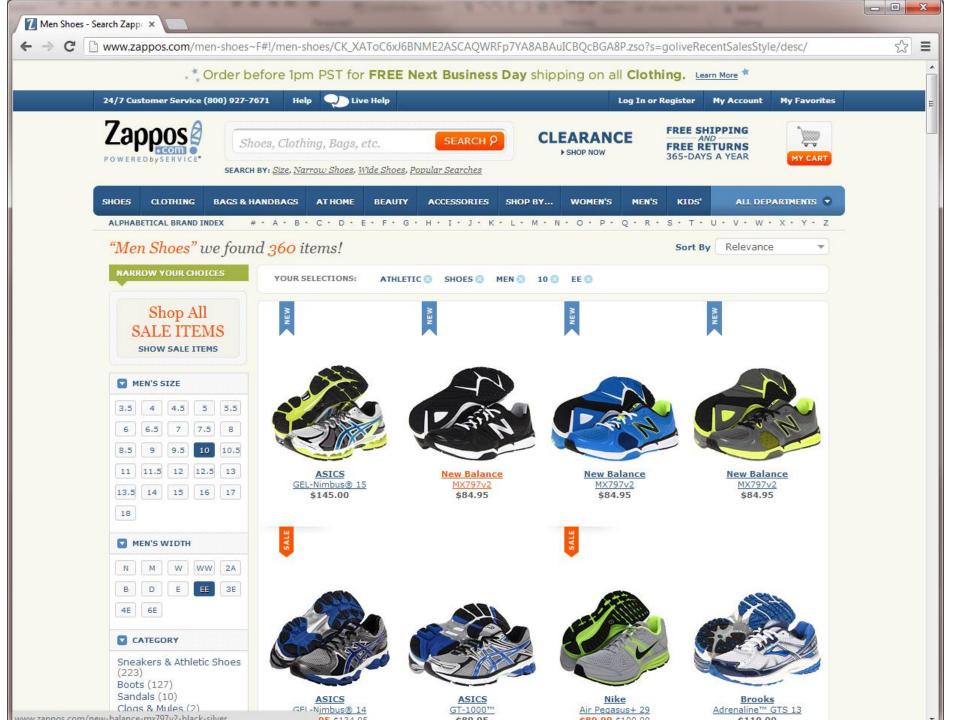




### Prediction and Recommendation

- Often, the two come together
- Predictions:
  - Pro: helps quantify item
  - Con: provides something falsifiable
- Recommendations
  - Pro: provides good choices as a default
  - Con: if perceived as top-n, can result in failure to explore (if top few seem poor)





#### Another dimension to consider

- How explicit is the prediction or recommendation (vs. organic)?
  - Historical note: we paid for it, we'll let you know
  - Today: balance between explicit prediction (falsifiable) and coarser granularity (you might like this!)
  - Today: balance between theses are the best (top-n) and softer presentation (here are some that might be interesting)

### You should now understand

- Difference between prediction and recommendation
- Range of explicit to organic for both predictions and recommendations
- Advantages and disadvantages in both dimensions.

# 2-3: Predictions and Recommendations