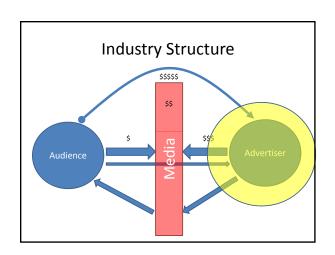
Internet Advertising

UW CSE454 10/28/10 Mike Mathieu mike@frontseat.org I know I'm wasting half of my ad budget. I just don't know which half.

2010 Global Ad Spend

\$448 Billion



The Great Divide

Brand

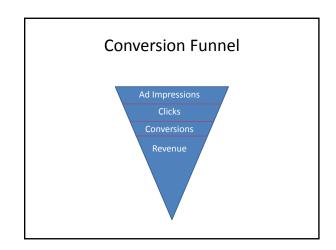
- Emotions
- Indirect benefits
- Banners, TV, stadiums

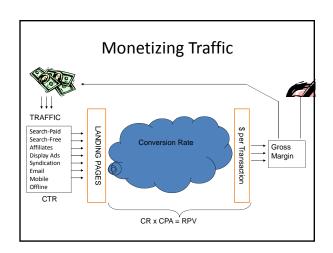
Direct Response

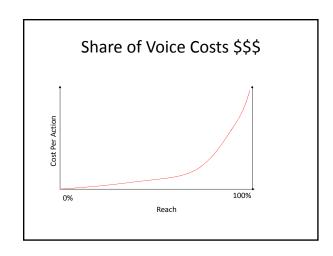
- Transactions
- Gross profits
- Search, coupons, 1-800, radio, mail

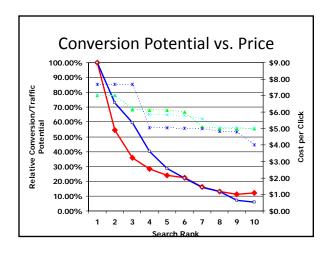


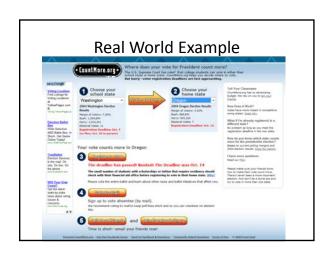


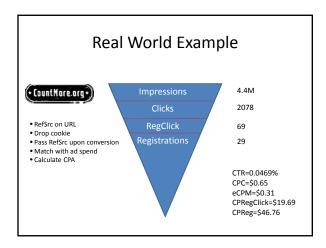




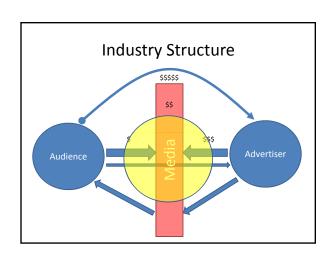


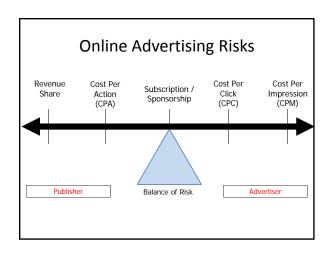


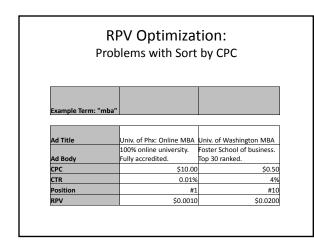




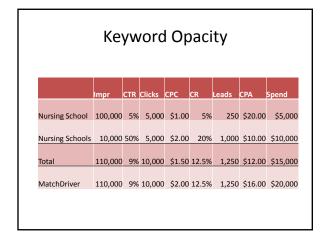






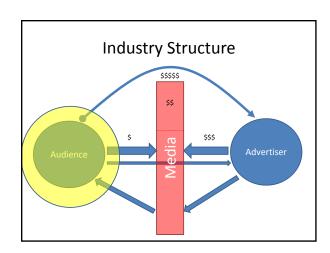










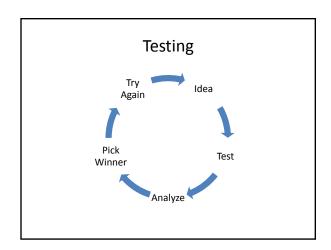


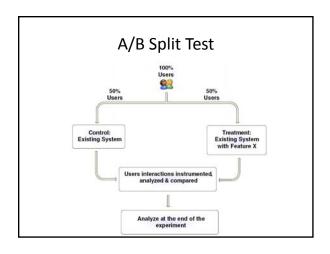
End Users Don't bug me Unless I like what you have to offer

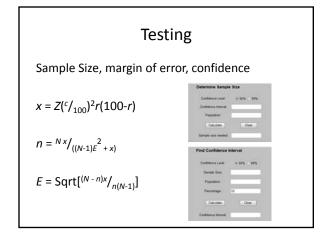
Better Matching Context detection GPS, location App vs. content In-game Info seeker vs. transactor Calendars/schedules/events Social networks/status Twitter - now Behavioral – esp. w/knowledge of specific site behaviors Contextual Privacy Google "AOL search data"











Sample Size Problems

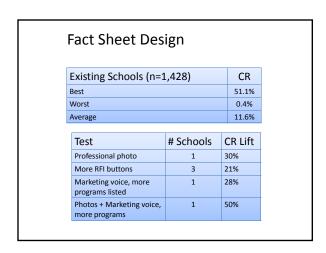
- So many ideas, so little to sample...
 - Disproportionate advantage to scale
- Multivariate testing
 - Taguchi Method
 - Method for calculating signal-to-noise ratio of different parameters in an experimental design
 - Allows optimization with A/B test of each cross-product











Opportunities Today

- Conversions
 - Low-RPV
 - Waste
 - Simplicity
- Risk
 - Scaling local, hyperlocal
 - Data exchanges
 - Under-monetized sites
- Context

Summary

- Conversions
- Risk
- Context
- Testing