



	Schedule		
Date	Topics & Readings	Assig	nments
Lectures		Due	Start
1/9	Introduction.		<u>I1</u>
1/12	The Scientific Method (B&A Ch 1). Doing background research (B&A Ch 3, 67-95). Sample research plan.	I1	
1/16	Human subjects research (B&A Ch 6 & 7, NU IRB Policy).		
1/19	Ethnography (B&A pp 241-247, Fetterman, Klasnja, Chen). R: Introduction		<u>I2a</u>
1/23	Research models (B&A Ch 4). R: Data manipulation and plotting		<u>I2b</u>
1/26	Objective measures (B&A Ch 5). Descriptive statistics (B&A Ch 13 to 412). R: Descriptive statistics.		
1/30	Information system measures (<u>Nielsen Ch 6</u> , <u>Sensing Techniques for Mobile</u> Interaction, Usability Study of Physicians).	I2	<u>I3</u>
2/2	Qualitative methods. Usability studies.		
210	D.11		
	Locture 1 Tetroduction		
	Lecture 1 - Introduction		3

































~J_	Scientific vs. Nonscientific Explanations								
	Explanation Type	Empirical	Rational	Testable	Parsimony	General	Tentative	Rigorously Evaluated	
	Scientific	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Belief Based	No	No	No	No	No	No	No	
	Common- sense	Usually	No	No	No	No	No	No	
						1		25	5

















































































Differences Between Published Sources							
Example?	Scholarly	Substantive	Popular	Sensational			
Appearance	Sober and serious	Attractive, with photographs	Attractive with many photos	Newspaper format			
Reference Citations	Always provided	Sometimes cited	Rarely provided	Obscure references			
Author	Scholar in the field	Scholar, editorial staff, freelance	Wide range of authors	Wide range			
Language	Geared to scholars	For educated, no specialty	Simple, for less educated	Elementary for gullible audience			
Content	Original research	No original research	Sources mentioned, may be obscure	Pseudoscientific sources			
Publisher	Many by professional organizations	Commercial or professional organization	Commercial to entertain	Commercial to arouse curiosity			















































