# Internet-based personalized cancer risk assessment tools: Opportunities and pitfalls

Erika A. Waters, PhD, MPH Department of Surgery Division of Public Health Sciences November 17, 2017

Washington University in St.Louis School of Medicine

# Presenter Disclosure Information

FINANCIAL DISCLOSURES: None

#### UNAPPROVED/UNLABELED DISCLOSURE: None

No commercial support was provided for this activity.

Washington University in St. Louis School of Medicine

What is risk and what are risk perceptions?

#### Agenda

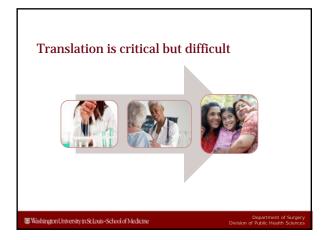
What is risk and what are risk perceptions? Evaluating the efficacy of an existing tool Expanding to a wellness-oriented approach Bridging the intention-behavior gap Conclusion

Agenda

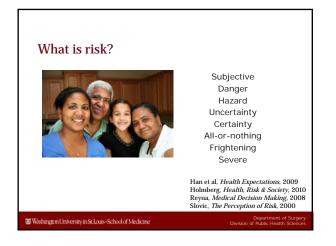
School of Medicine Washington University in School of Medicine

Stantington University in ScLouis - School of Medicine

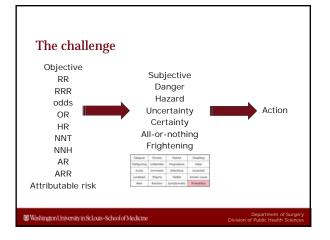
Department of S Division of Public Health Sc Divis







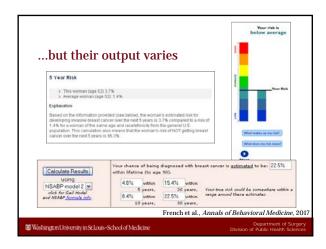
Delayed	Chronic	Painful	Disabling	
Disfiguring	Unfamiliar	Progressive	Fatal	
Acute	Imminent	Infectious	Uncertain	
Localized	Stigma	Visible	Known cause	
New	Random	Symptomatic	Probability	

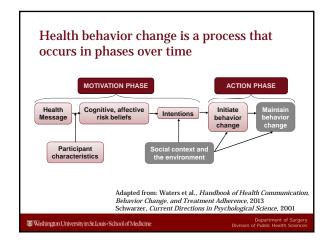


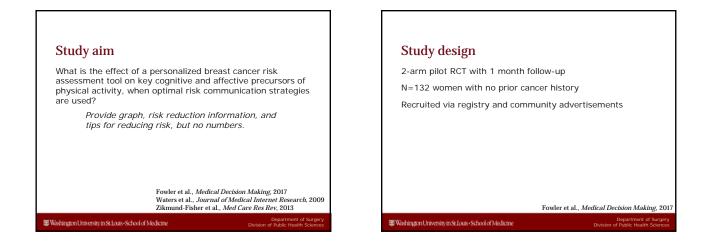


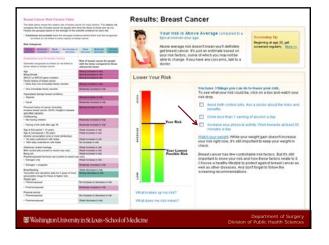


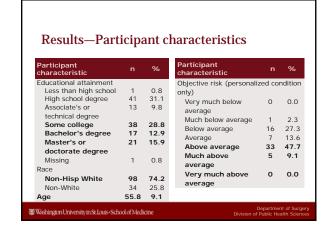




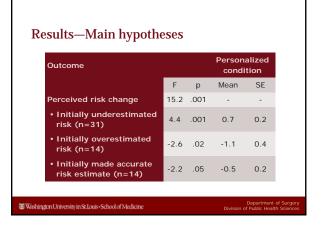


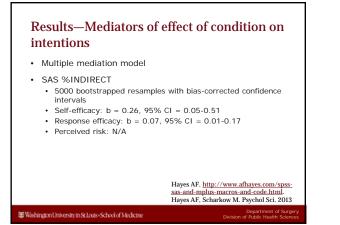


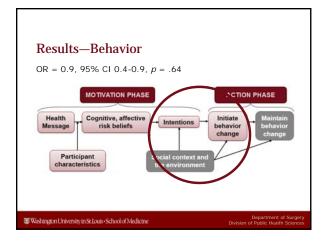




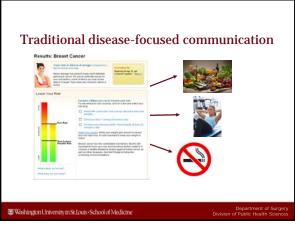
Outcome			Non- personalized (n=66)		Personalized (n=59)	
	F	р	Mean	SE	Mean	SE
Intentions	11.5	0.001	4.0	0.1	4.5	0.1
Self-efficacy	5.2	0.02	3.4	0.1	3.8	0.1
Response efficacy	7.2	0.01	3.5	0.1	3.9	0.1
Response efficacy ovariates included: edu nd stage of physical acti mount of activity]" v. al	cation, vity (i.e	race/ethi ., "I alrea	nicity, fami	ly histor	y of breast	cancer,



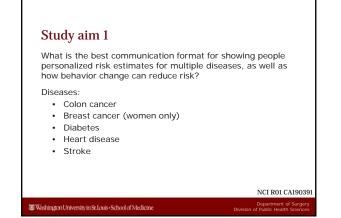


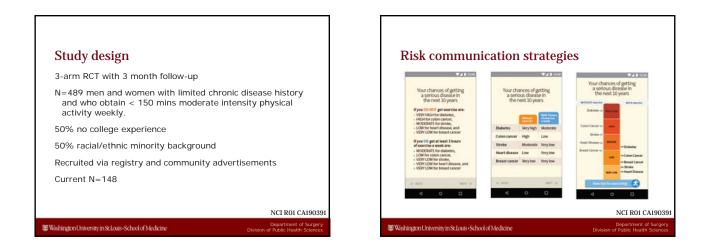


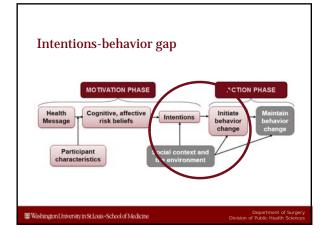












### Agenda

What is risk and what are risk perceptions? Evaluating the efficacy of an existing tool Expanding to a wellness-oriented approach Bridging the intention-behavior gap Conclusion

Washington University in St.Louis+School of Medicine

Department of Surge

