

Application of the Information Motivation Behavioral Skills Model to HIV and HCV risk and needle sharing behaviors among persons who inject drugs.

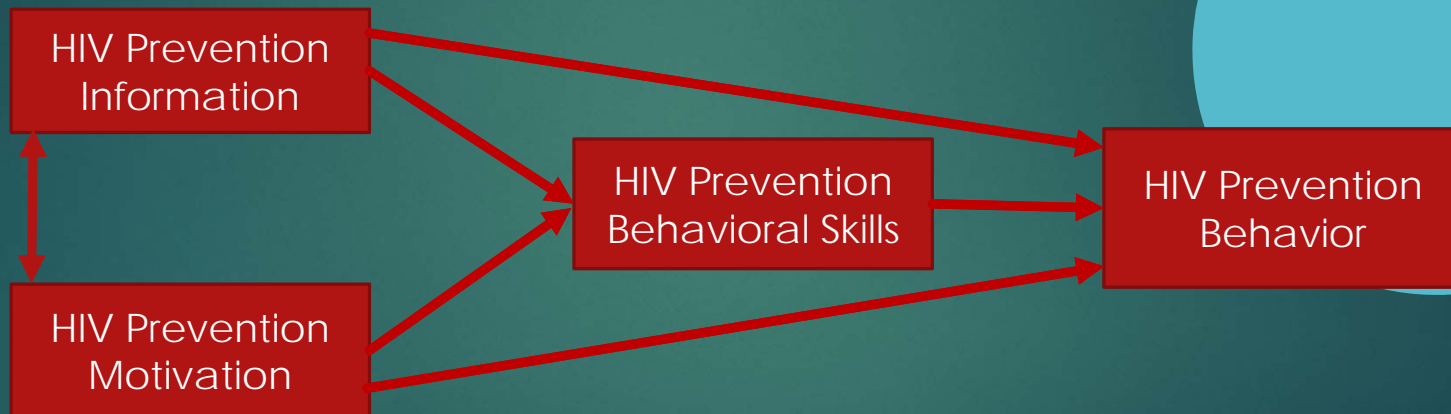
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Information – Motivation – Behavioral Skills (IMB) model

- ▶ Proposed by Fisher and Fisher



National HIV Behavioral Surveillance (NHBS IDU)

- ▶ CDC funded survey of HIV risk and testing behaviors
 - ▶ Sexual behaviors
 - ▶ Substance use and injection behaviors
 - ▶ HIV testing history and free linked HIV test
- ▶ Rotating populations (MSM, HET, IDU)
- ▶ 20 cities
- ▶ N ~ 500 annually
- ▶ Additional 'Local Use' questions allowed
- ▶ Externally funded HCV screening



Sex	%
Men	78.9
Women	20.8
Transgender	0.3

Race/Ethnicity	
Hispanic	5
Black	56.2
White	34.5
Other*	4.3

Age group (yrs)	
18-29	14.1
30-39	19
40-49	22.3
50+	44.6

Education	
Less than high school	32.9
High school diploma	37.5
More than high school	29.6

Poverty Level**	
Below \$12,500/yr	73.5
At or above \$12,500/yr	26.5

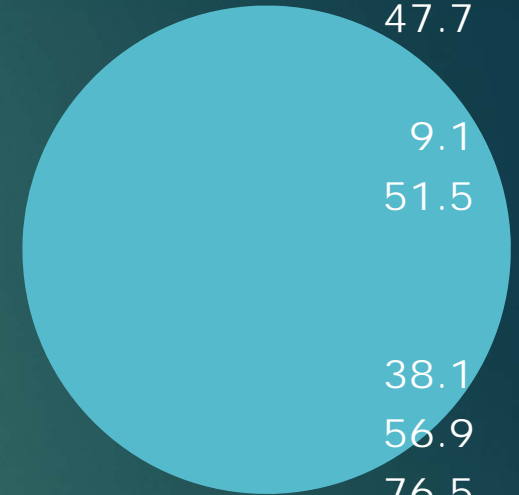
Drug Injected Most Frequently

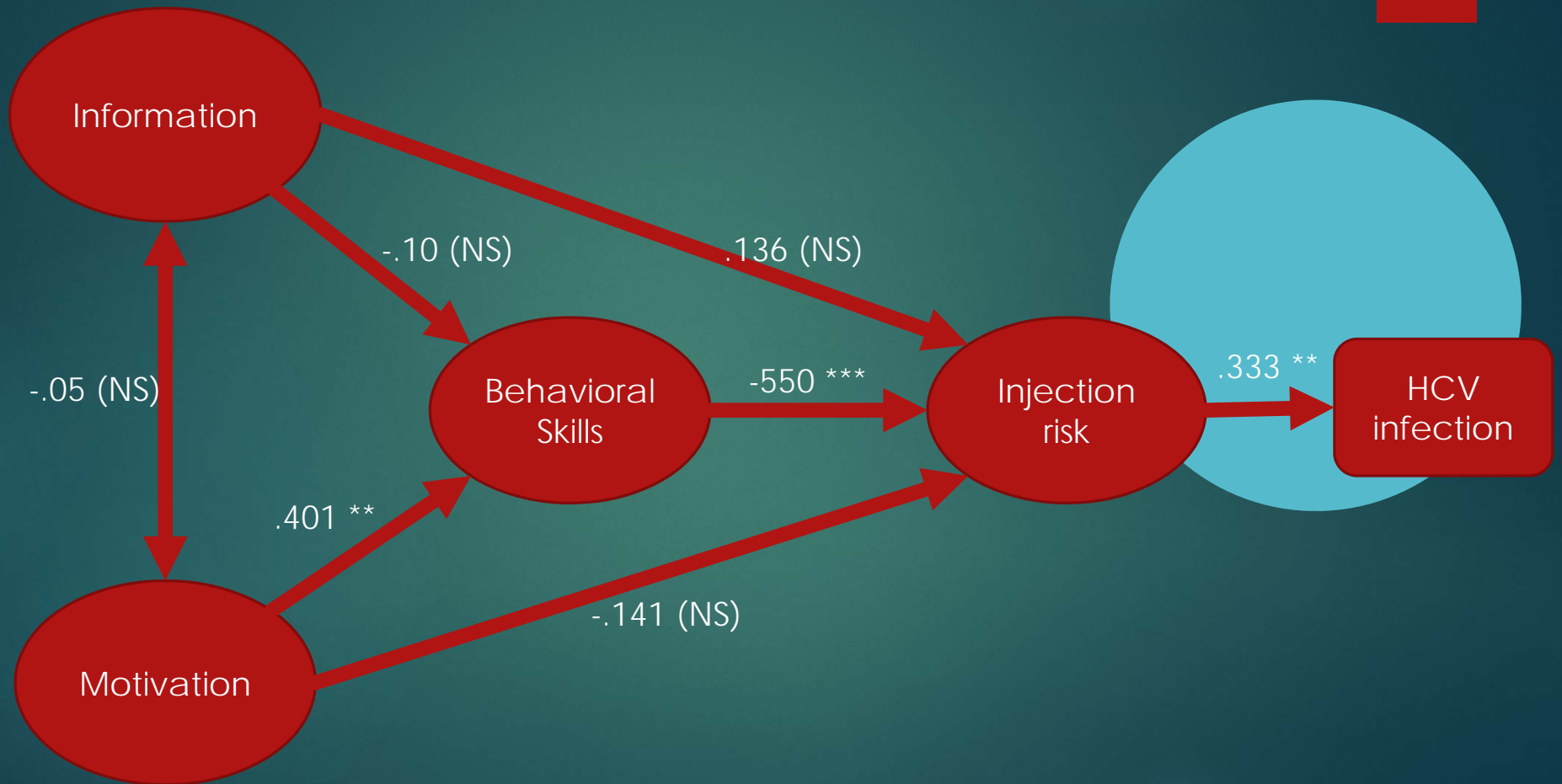
Heroin Only	52.3
Other/Multiple	47.7

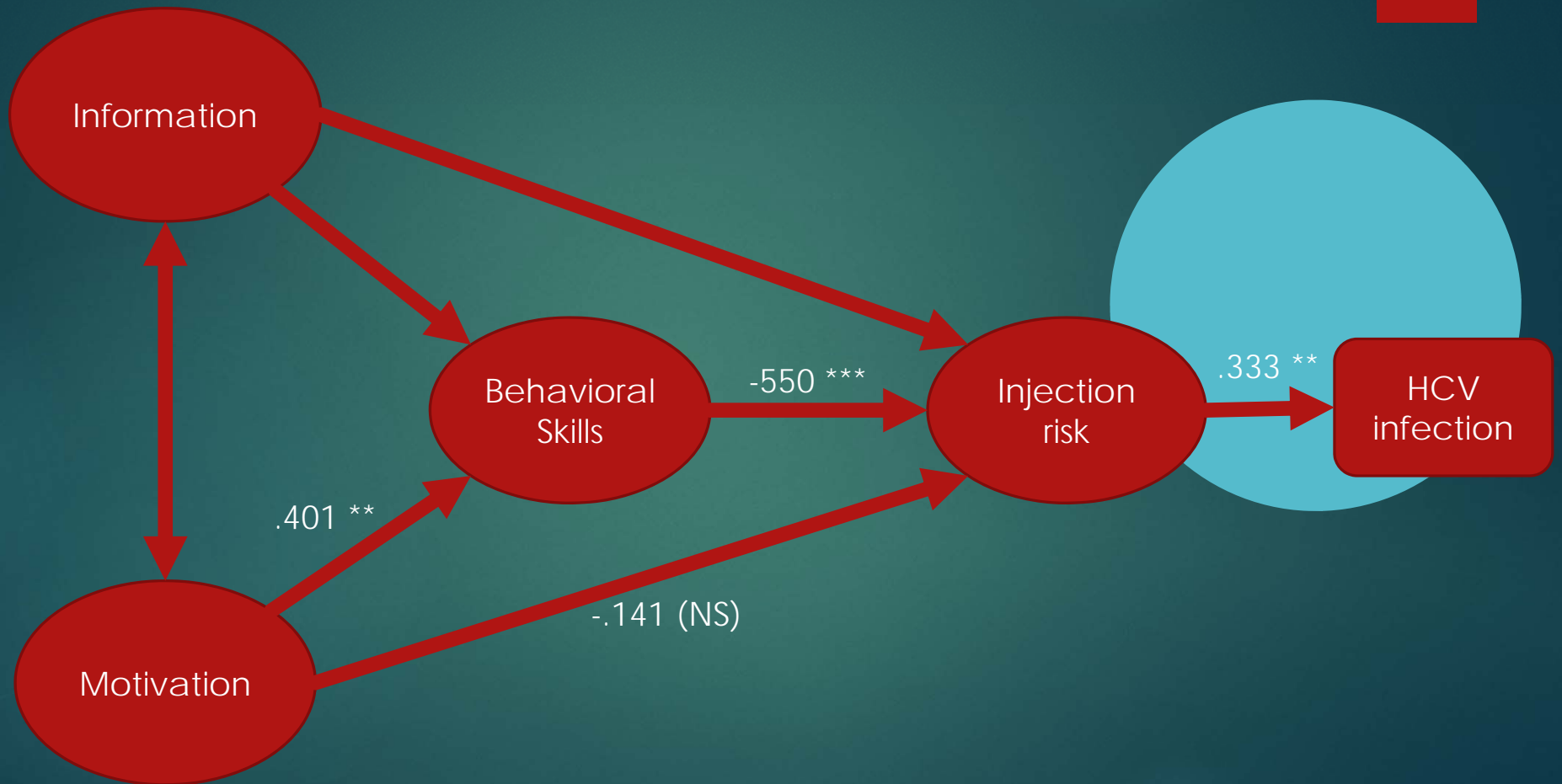
HIV Prevalence	9.1
HCV Prevalence	51.5

Risk Behaviors	
Shared needles	38.1
Shared works	56.9
Condomless sex	76.5

Have health insurance	47
Seen provider in past 12 months	74.3







Conclusions



- ▶ Information about HCV transmission is prevalent among PWID
- ▶ Motivation acts through skills to account for 13% of risk behavior
- ▶ Should incorporate Motivation into intervention development
- ▶ Acknowledgements
 - ▶ NO/AIDS -Narquis Barak, Jeremy Beckford
 - ▶ SHP DeAnn Gruber
 - ▶ LSU PhD Students OMeagan Zarwell, Kiva Fisher