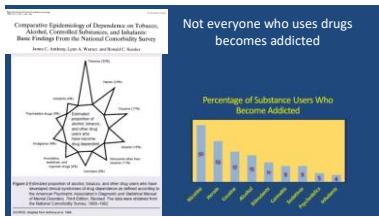
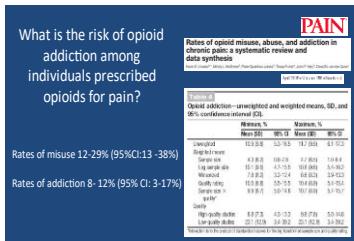


Dr Terplan, Weaving Wellness Webinar 1: Research studies cited



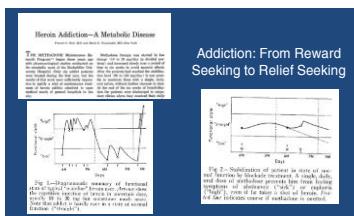
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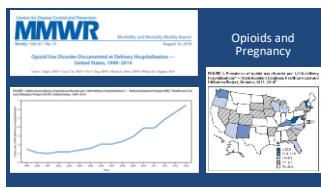
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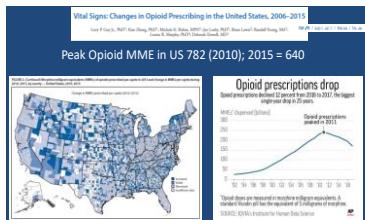
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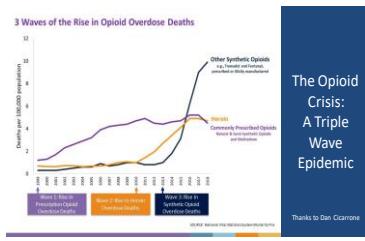
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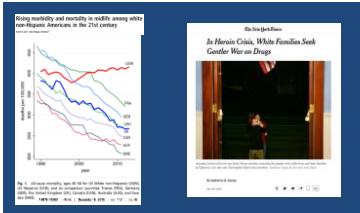
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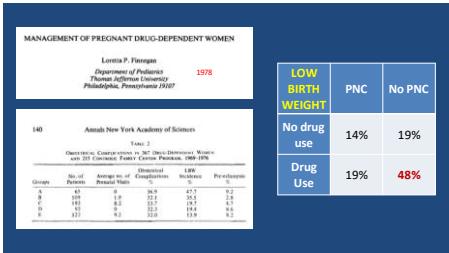


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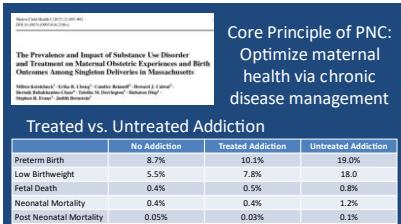


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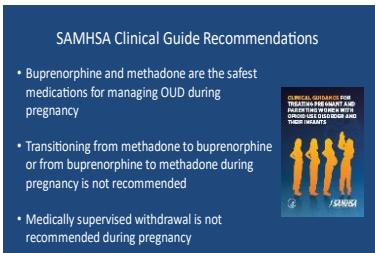
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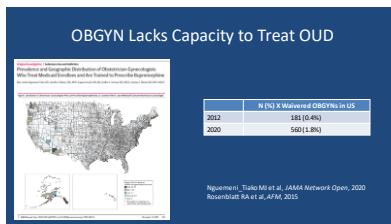
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Most People with Addiction Receive no Treatment in Pregnancy					
Drug and Alcohol Dependence					
Unmet substance use disorder treatment need among reproductive age women					
Guttmann A, Martin CE, Scialli A, Terplan M. JAMA Network Open. 2019;2(12):e194208. doi:10.1001/jamanetworkopen.2019.4208					
Table 3 Estimated substance use disorder treatment need among reproductive age women in need of treatment.					
Substance use disorder diagnosis					
Any past year substance use disorder treatment need	4.8% (0.4-8.2)	8.8% (7.7-9.8)			
1st trimester	12.2% (8.7-16.7)	6.0% (4.4-10.4)	46.7%		
2nd trimester	10.0% (7.5-13.5)	6.0% (4.4-10.4)	(5.5-32.0)		
3rd trimester	11.4% (7.1-18.4)	6.0% (3.3-14.7)	34.2%		
Total no. treated	7.4% (6.0-8.3)	6.8% (6.0-7.7)			
First drug ever disorder ^a	17.5% (15.3-19.7)	17.0% (16.8-18.2)	22.0% (11.3-29.4)	12.2%	26.0%
Second drug ever disorder ^a	21.4% (18.9-26.2)	10.1% (7.0-13.1)	54.2% (30.2-79.1)	26.4%	31.7%
Third drug ever disorder ^a	23.4% (18.9-28.2)	10.1% (7.0-13.1)	54.2% (30.2-79.1)	26.4%	31.7%

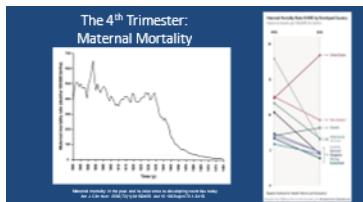
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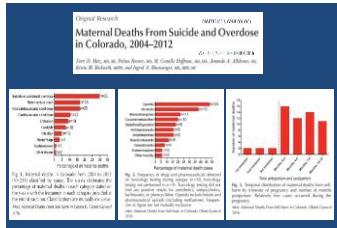
PREGNANCY MEDICINE		Research Article	
Opioid Abuse and Dependence during Pregnancy: Temporal Trends and Obstetrical Outcomes		Maternal Opioid Drug Use during Pregnancy and Its Impact on Perinatal Morbidity, Mortality, and the Costs of Medical Care in the United States	
Authors:	Maeda A, Bateman BT, Clancy CR, Creanga AA, Leffert LR. <i>Anesthesiology</i> . 2014 Dec;121(6):1158-65. doi: 10.1097/ALN.0000000000000472. PMID: 25405293.	Authors:	Nguemeni T, Tiako MJ, Culhane J, South E, Srinivas SK, Meisel ZF. <i>JAMA Netw Open</i> . 2020;3(12):e2029043. doi:10.1001/jamanetworkopen.2020.29043
Table 1	Demographic and Clinical Variables in Women Using Opioids during Pregnancy and During Delivery, United States, 2003-2013	Table 2	Estimated Opioid Use during Pregnancy and Delivery, United States, 2003-2013

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Maeda A, Bateman BT, Clancy CR, Creanga AA, Leffert LR. Opioid abuse and dependence during pregnancy: temporal trends and obstetrical outcomes. Anesthesiology. 2014 Dec;121(6):1158-65. doi: 10.1097/ALN.0000000000000472. PMID: 25405293.

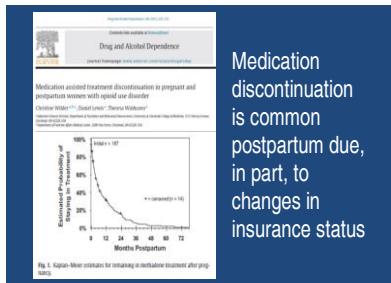
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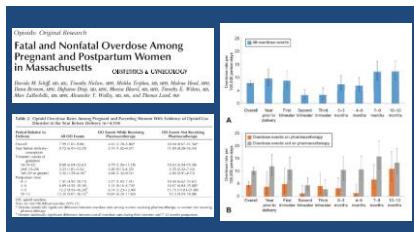
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Obstet Gynecol. 2018 Aug;132(2):466-474. doi: 10.1097/AOG.0000000000002734. PMID: 29995730; PMCID: PMC6060005.

Punitive State Policies:
Worse Public Health Outcomes

Associations Between State-Level Policies Regarding Alcohol Use Among Pregnant Women, Adverse Birth Outcomes, and Prenatal Care Utilization: Results from 1972 to 2013 Vital Statistics

Subbaraman MS, Thomas S, Treffers R, Delucchi K, Kerr WC, Martinez P, Roberts SCM. Associations Between State-Level Policies Regarding Alcohol Use Among Pregnant Women, Adverse Birth Outcomes, and Prenatal Care Utilization: Results from 1972 to 2013 Vital Statistics. *Alcohol Clin Exp Res*. 2018 Jun 18:10.1111/acer.13804. Epub ahead of print. PMID: 29912478; PMCID: PMC6298847.

- Mandatory Warning Signs and Child Abuse/Neglect designation:
 - Increase odds of low birth weight and premature delivery
 - Decrease odds of any prenatal care and APGAR >7
- CPS Reporting Requirement:
 - No effect of low birth weight, premature delivery, prenatal care or APGAR score

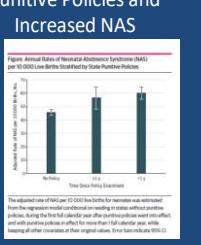
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Punitive Policies and Increased NAS

Association of Punitive and Reporting State Policies Related to Substance Use in Pregnancy With Rates of Neonatal Abstinence Syndrome

Faherty LJ, Kranz AM, Russell-Fritch J, Patrick SW, Cantor J, Stein BD. Association of Punitive and Reporting State Policies Related to Substance Use in Pregnancy With Rates of Neonatal Abstinence Syndrome. *JAMA Netw Open*. 2019;2(11):e1914078. doi:10.1001/jamanetworkopen.2019.14078



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Stigma Decreases Treatment Receipt

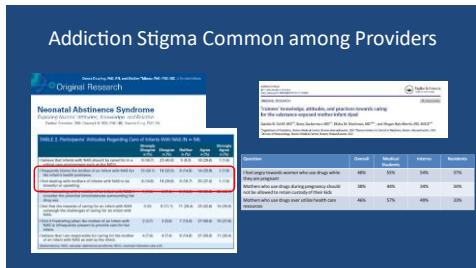
"Dose-dependent" relationship between Stigma and Odds of lifetime AUD services

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	Unadjusted	Adjusted	
% (SE)	% (SE)	% (SE)	
High stigma (n = 1,911)	21.25 (1.52)	0.68	0.71, 1.08
Medium stigma (n = 1,533)	17.11 (1.09)	0.67	0.67, 0.93
Low stigma (n = 1,773)	23.31 (1.08)	1.00	0.61, 0.93

<https://pubmed.ncbi.nlm.nih.gov/21044992/>

Keyes KM, Hatzenbuehler ML, McLaughlin KA, Link B, Olfson M, Grant BF, Hasin D. Stigma and treatment for alcohol disorders in the United States. *Am J Epidemiol*. 2010 Dec 15;172(12):1364-72. doi: 10.1093/aje/kwq304. Epub 2010 Nov 2. PMID: 21044992; PMCID: PMC2998202.



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The Power of Words to Hurt or Heal

Stigmatizing Words	Preferred Words
Addict, Abuser, Junkie	Person in active addiction, Person with a substance use disorder, Person experiencing an alcohol/drug problem, Patient
User	Person who misuses alcohol/drugs
Abuse	Person engaged in risky use of substances
Clean, Dirty	Misuse, Harmful use, Inappropriate use, Hazardous use, Problem use, Risky use
Habit or Drug Habit	Negative, positive, Substance-free
Replacement or Substitution Therapy	Substance misuse, Substance use disorder, Alcohol and drug disease, Active addiction, Untreated addiction
	Treatment, Medication for Opioid Use Disorder, Medication

The Rhetoric of Recovery Advocacy: An Essay On the Power of Language W.L. White, E.A.Salsitz, MD., Addiction Medicine vocabulary; Substance Use Disorders: A Guide to the Use of Language Prepared by TASC, Inc. Center for Substance Abuse Treatment (CSAT), Substance Abuse and Mental Health Services Administration (SAMHSA), part of the U.S. Department of Health and Human Services (DHHS), rev. 4.12.04

https://www.researchgate.net/publication/228694672_The_Rhetoric_of_Recovery_Advocacy_An_Essay_on_the_Power_of_Language

The Rhetoric of Recovery Advocacy: An Essay On the Power of Language W.L. White; E.A Salsitz, MD., Addiction Medicine vocabulary; Substance Use Disorders: A Guide to the Use of Language Prepared by TASC, Inc. Center for Substance Abuse Treatment (CSAT), Substance Abuse and Mental Health Services Administration (SAMHSA), part of the U.S. Department of Health and Human Services (DHHS), rev. 4.12.04

