

#### Barriers and Opportunities to Widespread Scale-Up of Family-Focused Interventions in Health Care Settings

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## Family ecosystem

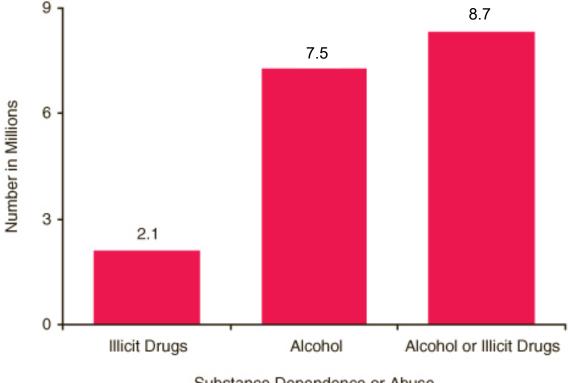


- The family ecosystem both influences and is influenced by substance use / substance use disorders
- Parent/caregiver functioning and behaviors can represent risk or protective factors for development of substance use in children
- Promoting health of the parent is health promotion for the child and family





#### Estimated Number of Children Living with One or More Parents with Past Year Substance Use Disorder: 2009-2014



Substance Dependence or Abuse

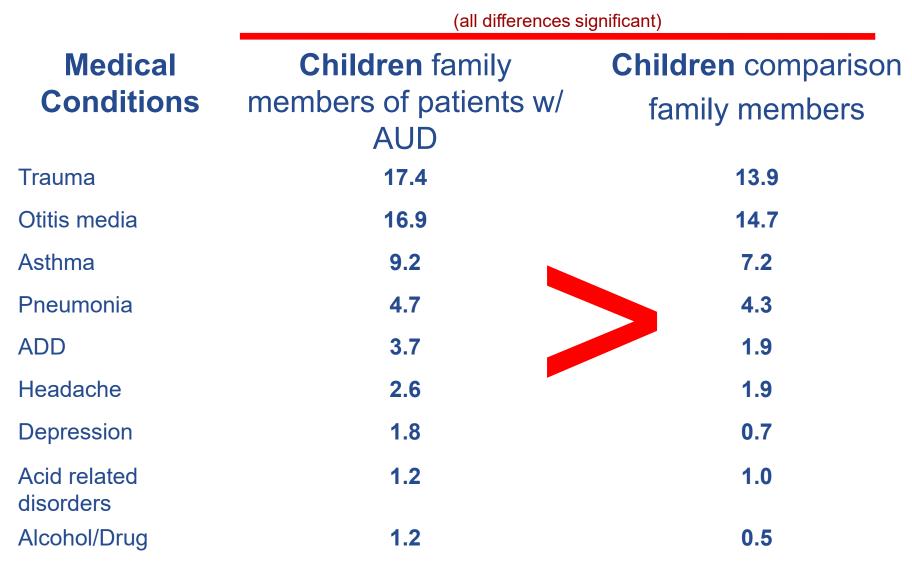
 Children who are from families where there are SUD, are at risk for *biological*, *developmental*, *psychological*, *behavioral*, *health and social* consequences

- Household substance use is an ACE
- 28% Behavioral Risk Factor Surveillance System<sup>1</sup>
- Access to alcohol and other drugs, increasing risk of use for adolescents
- Young children of parents with alcohol use disorders have higher health care utilization rates

Source: 2002 to 2007 SAMHSA National Surveys on Drug Use and Health (NSDUHs).

<sup>\*</sup> Includes biological, step-, adoptive, or foster children. Children under 18 years of age who were not living with one or more parents were excluded from this analysis. Approximately 4.0 percent of children under age 18 were not living with one or more parents.

# Medical conditions of children family members of individuals with AUD



**IOHNS HOPKINS** 

#### Most children of parents with SUD are not identified and assisted



americanaddictioncenters.org/alcoholism-treatment/children

 Pediatric primary care providers have the opportunity to recognize this vulnerability

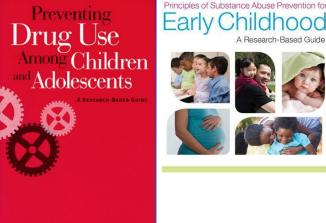
**IOHNS HOPK** 

 Most pediatricians do not ask about family substance use during well-child visits

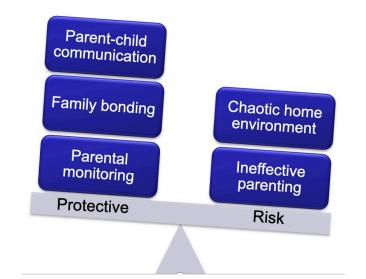
# **Opportunity for Prevention**

- From the earliest engagement with a family, primary care providers can assess history of parental/caregiver SU/SUD
- Intervening early in childhood can alter life course trajectory in a positive direction
  - Target and improve the child's proximal social environment
- Reduce risk factors and increase protective factors









## **Universal Screening**

- American Academy of Pediatrics recommends screening parents/caregivers for substance use at annual well child visits
- Pediatric providers are experts at respectful communication with parents for the benefit of child
- Analogous to other heritable conditions and environments

CLINICAL REPORT Guidance for the Clinician in Rendering Pediatric Care

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDRE

Families Affected by Parental Substance Use

Vincent C. Smith, MD, MPH, FAAP, Celeste R. Wilson, MD, FAAP, COMMITTEE ON SUBSTANCE USE AND PREVENTION







#### Primary Care Providers Cite Multiple Barriers to Screening

- Insufficient Time
- Unfamiliarity with screening tools
- Feeling ill-equipped to handle a positive screen
- Lack of knowledge of or access to appropriate referrals
- Worry about the issue of confidentiality
- Worry about offending parents

## Family Acceptability



#### Table 3. Caregivers acceptability of substance use screening in the family/household stratified by substance use in family/household group status.

	n (%)	Substance use $(n = 133)$	No substance use $(n = 129)$	p
Should identify things in a child's environment that put them at risk for health problems	248 (91.9)	124 (94)	117 (91)	0.33
Should ask about health information of family/household members which could put child at risk for health problems	241 (89.3)	120 (91)	112 (87)	0.29
It is appropriate for pediatricians to ask all caregivers about the alcohol and drug use in my family/household during regular checkups	235 (86.7)	115 (86)	113 (88)	0.79
It is appropriate for my child's pediatrician to ask about the alcohol and drug use of family/household members during regular checkups	222 (82.2)	109 (82)	108 (84)	0.60
Should ask about alcohol and drug use in my family/household	225 (83.3)	112 (85)	107 (83)	0.68
Should ask if anyone in family has a history of addiction just like they ask about history of diabetes and heart disease	228 (84.4)	114 (86)	107 (83)	0.44

## Family Acceptability



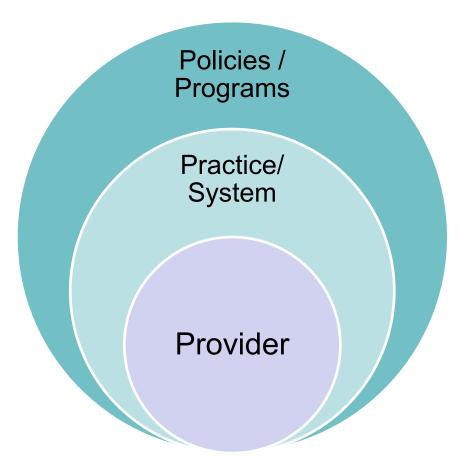
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#### Parents/Caregivers want to be asked about substance use in the family/household

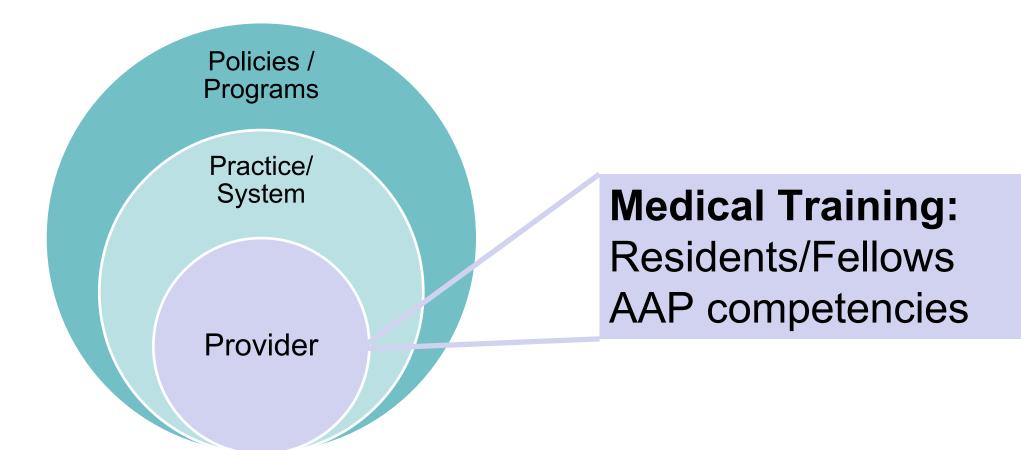
### **Multilevel Approach**





### **Multilevel Approach**







# **Training on AAP Competencies**

- 1. Be aware of **child symptoms of household substance use** and of the potential **benefit of early intervention** for both child and family
- 2. Screen for family history and current use of alcohol & other drugs as part of general health assessment
- **3.** Be familiar with and able to direct families to community, regional, state resources for children & families with substance use
- **4. Use motivational interviewing** to help families identify problems resulting from substance use and desire to cut back or quit
- 5. Support parents who screen positive and identify treatment options
- 6. Offer support, information, follow-up for parents
- 7. Understand state laws about child abuse reporting laws



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## **Pediatric Residency Training**



- Increase pediatric resident comfort with and use of a standardized question to screen for household substance use during all routine ambulatory preventive visits
  - Skills training and experiences
- Develop and implement protocols to guide provider response to positive screens
  - Consultation with Addiction Medicine Specialists
- Develop competencies in universal prevention programs (e.g. Strengthening Families)

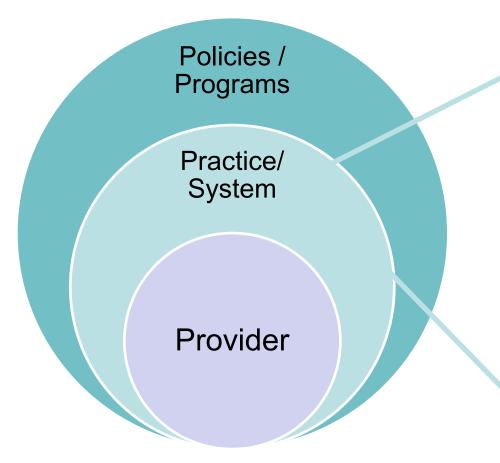


#### **F-SBIRT**

- Broaden the SBIRT approach beyond the adolescent to include a family-focused approach
- Screening a healthcare professional assesses a caregiver for substance use behaviors in the family/household
  - Provides a critical opportunity for selective or targeted prevention programs
  - Referral to parent education & support programs

## **Multilevel Approach**





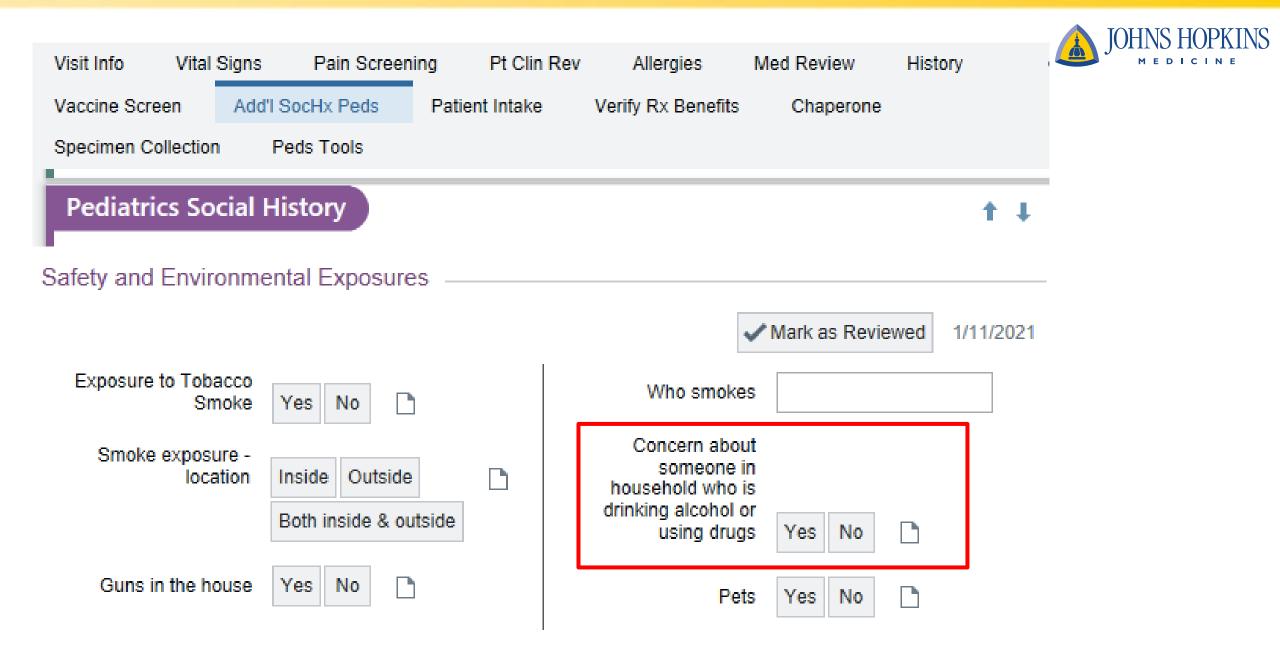
- Electronic Medical Record
  - Screening tools
  - Resources
- Allied Health
   Professionals
- Hosting parenting
   programs

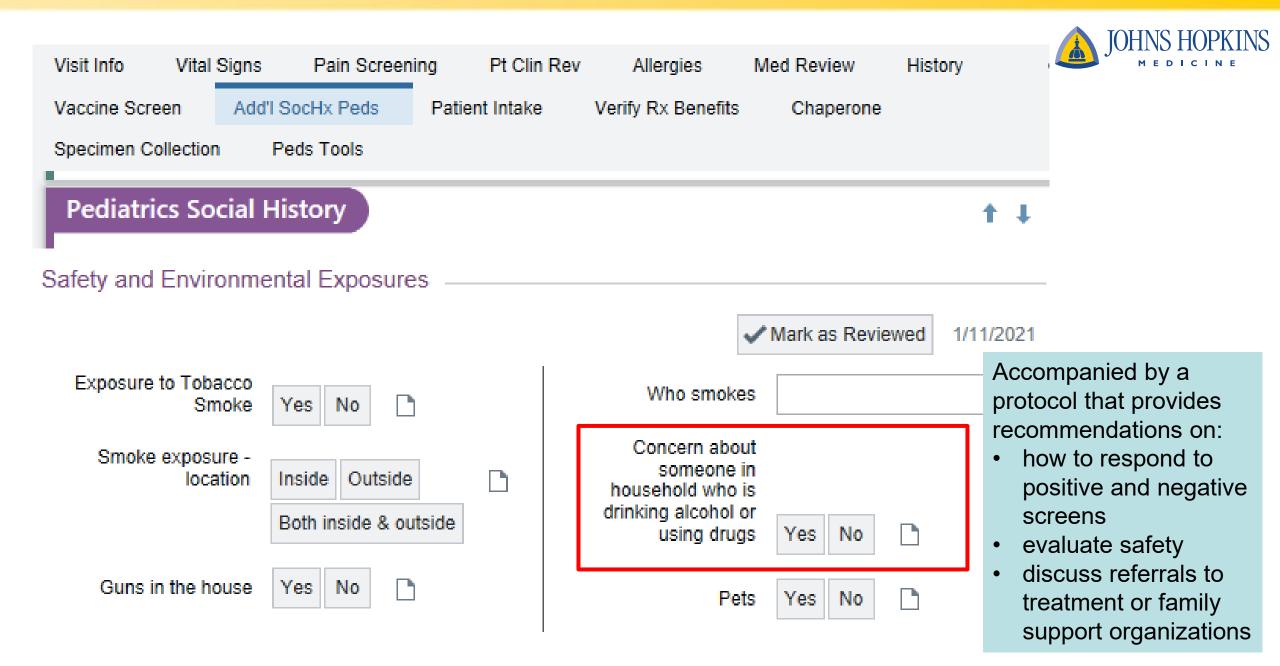


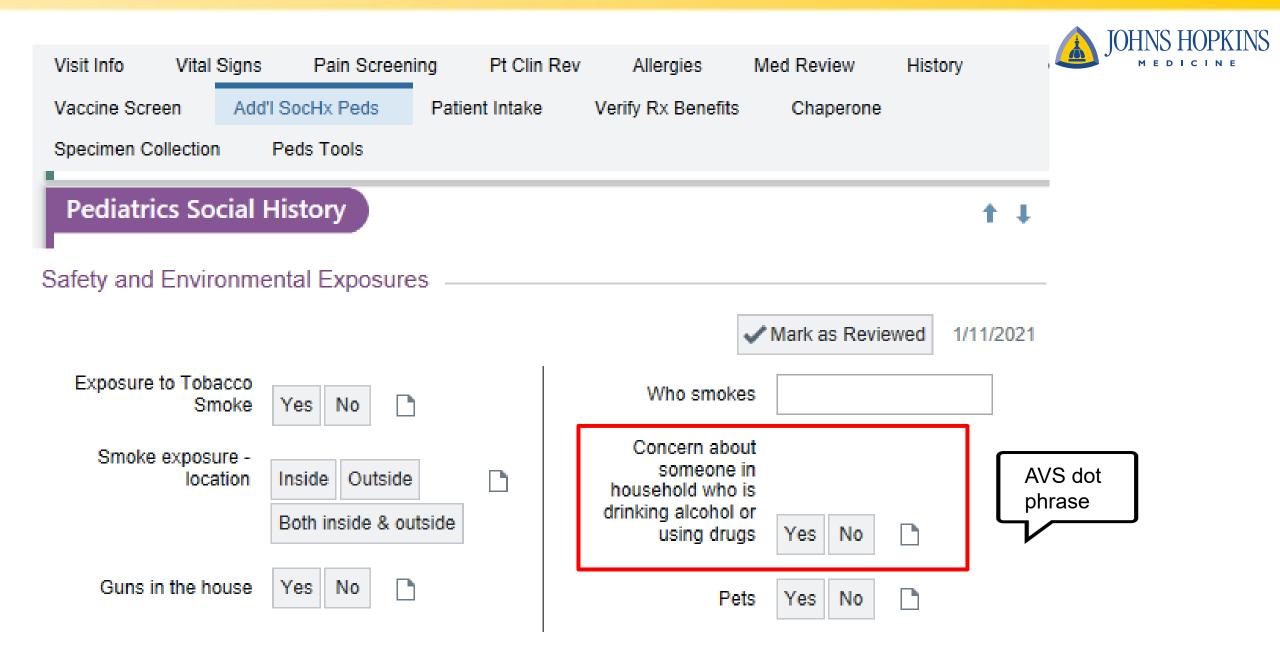
## **Overcoming Time Constraints**

- Optimize screening into workflow of primary care settings
- Incorporate standardized screening instruments into the electronic medical record system
  - Computer/tablet facilitated screening











#### Table 1 Type of prevention and continuum of prevention activities for pediatric primary care settings

	Level I: Least demanding or resource intensive activities	Level II: Moderately demanding or resource intensive activities	Level III: Most demanding or resource intensive activities
Universal	<ul> <li>Screening for substance misuse and substance use exposure</li> <li>Provide anticipatory guidance on substance misuse and substance use exposure</li> <li>Provide information (i.e., brochures/ handouts)</li> <li>Share with parents and adolescents the helpline and links to the information made available via Parents for Drug Free Kids and NIDA</li> <li>Referring parents to online parenting programs</li> </ul>	<ul> <li>Designate an office champion to implement comprehensive screening</li> <li>Familiarize with talking tools and messaging (e.g., marijuana tool kit)</li> <li>Screen for liability of substance misuse or abuse before it occurs</li> <li>Providing an online parenting program and supporting parent engagement</li> </ul>	<ul> <li>Host on-site evidence based, family-focused education programs</li> <li>Link to community resources</li> </ul>
Selective	<ul> <li>Monitor for needed prevention</li> <li>Make sub-specialty referral</li> </ul>	<ul> <li>Refer for selective prevention based on screening</li> <li>Refer parent to recovery support programs</li> <li>Refer parent to treatment</li> </ul>	<ul> <li>Have psychologist, behavioral health specialist and/or social worker on staff</li> <li>Providing targeted consultation on specific parenting concerns</li> </ul>
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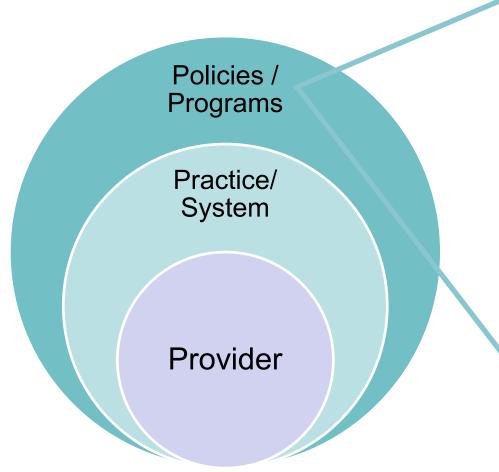


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## **Multilevel Approach**



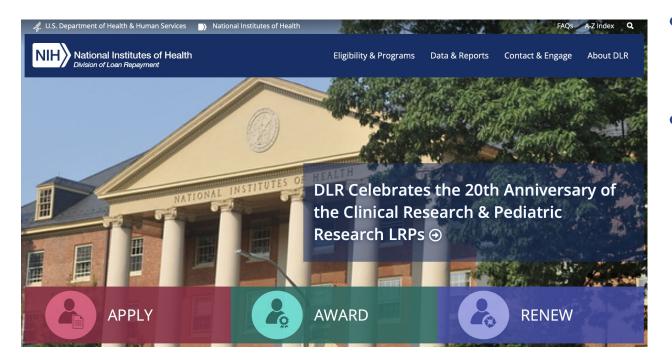


Workforce Development

- Loan repayment
- USPTF
  - Research funding
- Reliable funding & reimbursement
  - Parent programs in Pediatric Settings



## Loan Repayment



- Greater workforce needed to support prevention
- NIH Loan Repayment model
  - Clinical, Pediatric, and Health Disparities research
  - Eligibility criteria (extramural):
     Must possess an M.D., Ph.D., Pharm.D., Psy.D., D.O., D.D.S., D.M.D., D.P.M., D.C., N.D., O.D., D.V.M., or equivalent doctoral degree

Allied health professions



## **USPTF** Unhealthy Drug Use: Screening

Recommendation Summary

Population	Recommendation	Grade
Adults age 18 years or older	The USPSTF recommends screening by asking questions about unhealthy drug use in adults age 18 years or older. Screening should be implemented when services for accurate diagnosis, effective treatment, and appropriate care can be offered or referred. (Screening refers to asking questions about unhealthy drug use, not testing biological specimens.)	B
Adolescents	harms of screening for unhealthy drug use in adolescents.	
	See the "Practice Considerations" section for suggestions for practice regarding the I statement.	

- A larger evidence base is needed to support screening adolescents
- No recommendations on screening parents/caregivers



#### **USPTF** Illicit Drug Use in Children, Adolescents, and Young Adults: Primary Care-Based Interventions

Recommendation Summary

Population	Recommendation	Grade
Children, adolescents, and young adults	The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of primary carebased behavioral counseling interventions to prevent illicit drug use, including nonmedical use of prescription drugs, in children, adolescents, and young adults.	I
	See the Practice Considerations section for suggestions for practice regarding the I statement.	

- A larger evidence base is needed to support primary care-based interventions
- No recommendations on universal interventions for parents/caregivers

### Acknowledgements



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