

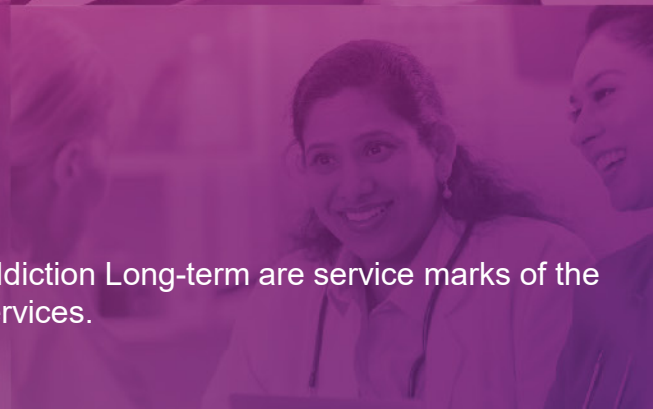


**NIH
HEAL
INITIATIVE**

Parent & Early Childhood Intervention to Break Cycles of Intergenerational SA

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NIH National Institutes of Health
HEAL Initiative

NIH HEAL Initiative and Helping to End Addiction Long-term are service marks of the U.S. Department of Health and Human Services.

Family Life

(esp. caregiver/parent-child relationships)
is a Prism through which
Social Determinants can be refracted,
deflected or reflected to intensify or protect
against substance use outcomes

TAKE HOME MESSAGES

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- **First 1000 days of life** are the most influential on a human's social, emotional and behavioral development, which is **highly predictive of SA risks or protection across the life course.**
- **Early parenting** is a developmental phase that provides opportunity for behavioral redirection.
- **Early childhood home-visiting** is a widely implemented, highly scalable, cost-effective intervention with broader potential to impact SA prevention, early identification, and connection to treatment strategies.
- The future = **Precision Home-Visiting to break cycles of intergenerational SA?**

What We Have Learned About Parenting and Early Childhood Behavior?

Poor parenting
(poor parental self-efficacy,
inconsistent discipline;
restrictive, coercive parenting,
abuse/neglect)



**Externalizing and
internalizing behaviors in
early childhood**



**Early onset substance use problems
Illicit Drug Use
Non Medical Opioid Use
Teen/unplanned pregnancy
and other BH/MH problems**

Where to begin to break the cycle?



Family Spirit Intervention



Home-Based Outreach



Family Involvement



Structured curriculum taught by **empathic, culturally matched** paraprofessional home visitors to **vulnerable mothers** → from pregnancy – 36 mos post-partum

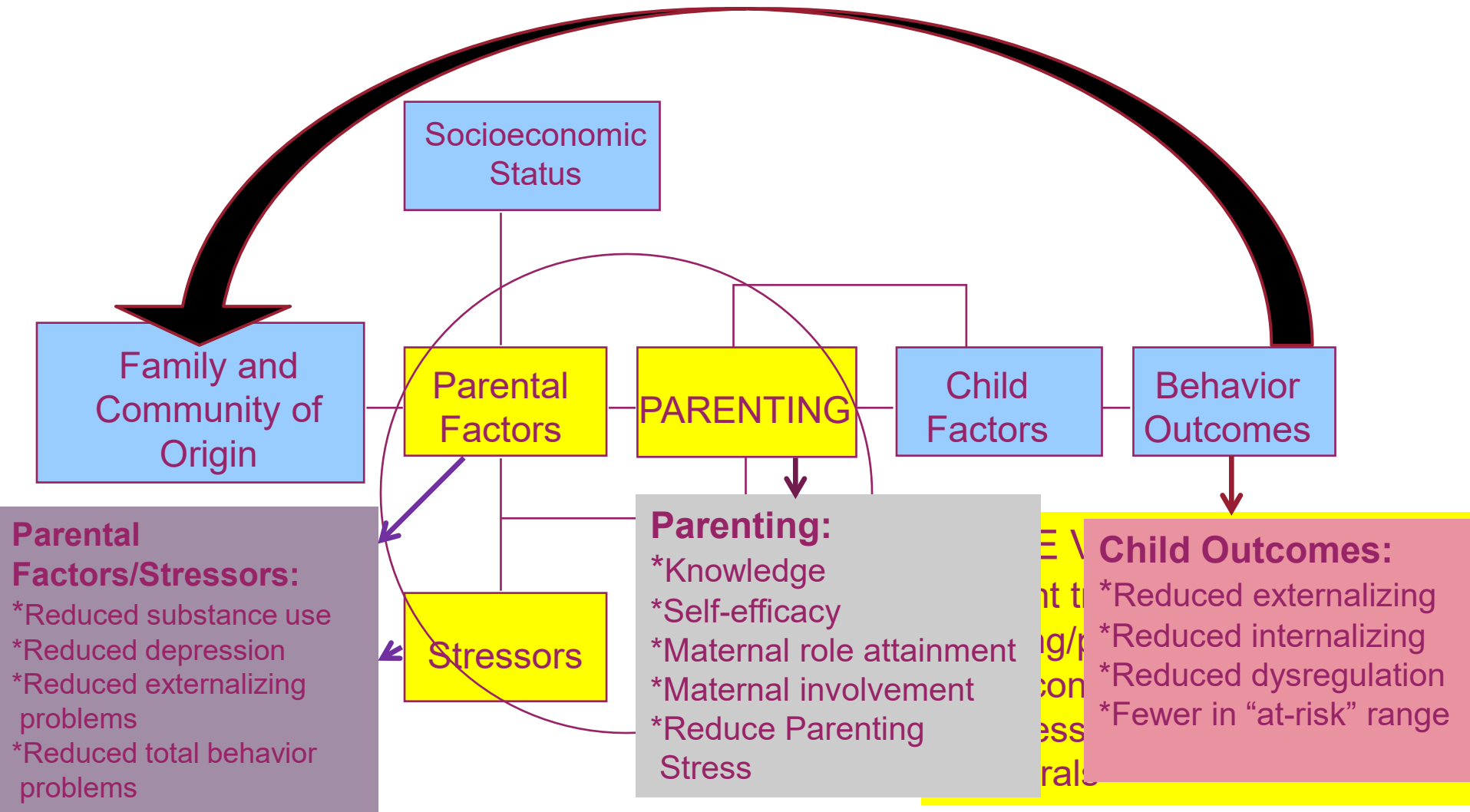


Community Referrals

<20 years at conception
41% currently in school
51% lived in ≥ 2 homes in past year
32% depression Sx
Lifetime drug use:
84% alcohol
79% marijuana
28% meth
25% cocaine
Opioid/IDU?

How Does the Family Spirit Model* Work?

*Adapted from Patterson et al., 1989 for Family Spirit Intervention



The Future: “Precision” Home Visiting



People need and want different things



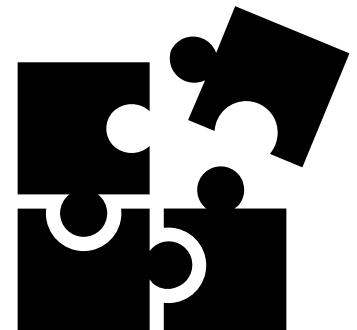
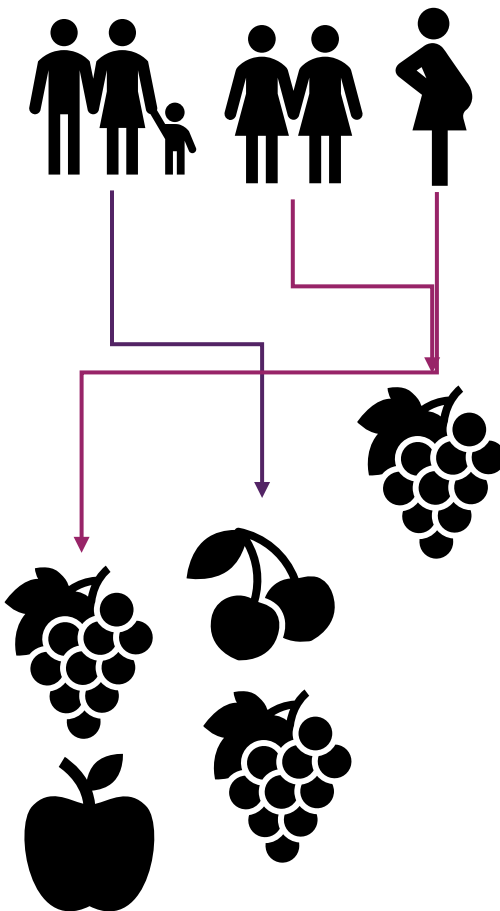
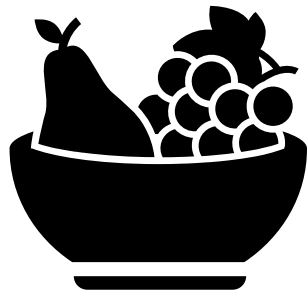
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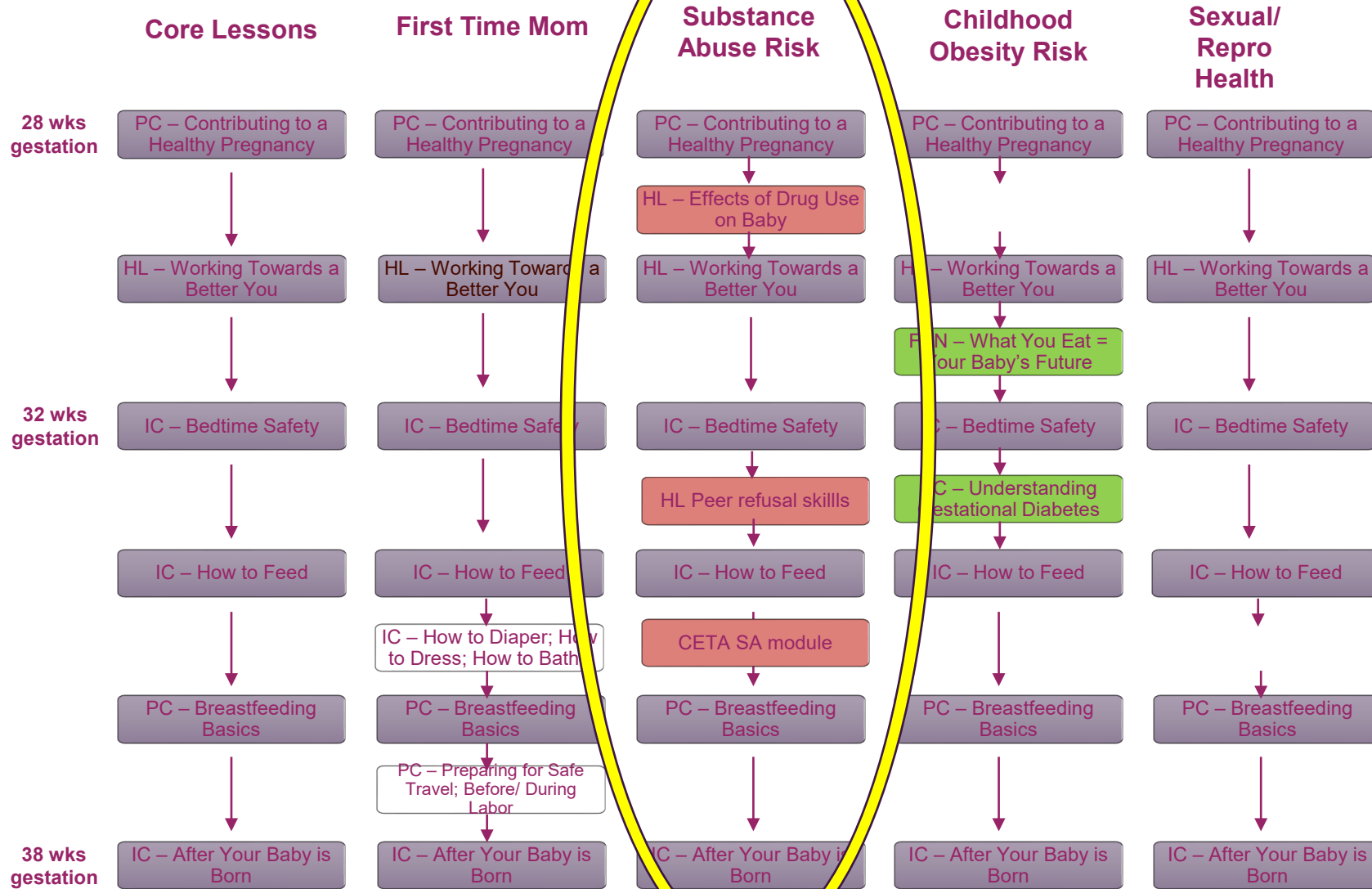
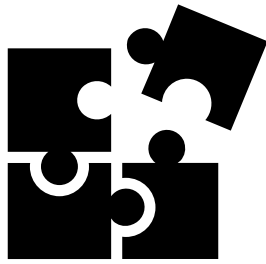
Active ingredients?

Each family gets what they need and want?

Design Modularity



Design Priority



IMPACT POTENTIAL

- 79,000 families reached by early childhood HV in every US state in 2019
- Key characteristics: poverty, history of abuse/neglect, IPV, SA
- Proven impacts on children's externalizing and internalizing problems → protection against future SA risks
- Precision HV approaches could improve SA impacts, engagement, efficiency and reach