



The PAX Good Behavior Game A Non-Pharmaceutical Behavioral Vacu

and Preventing Mental and Related Illnesses A Non-Pharmaceutical Behavioral Vaccine for Promoting Wellbeing

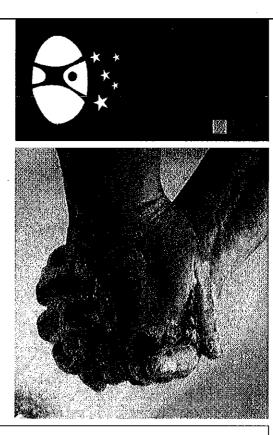
Dr. Dennis D. Embry, president/senior science, PAXIS Institute;

Co-investigator at Johns Hopkins University Center for
Prevention, the University of Manitoba, and Yale University

Adapted from the:

Mental Health Summit 2012

Went Ret Transported Mental Trans Programs for Among Strain Strain



What is a behavioral vaccine?

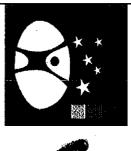
behavior that:decreases morbidity,

A behavioral vaccine is a repeated simple

@ decreases mortality,

or increases wellbeing.

Embry, D. D. (2011). Behavioral Vaccines and Evidence-Based Kernels: Non-pharmaceutical Approaches for the Prevention of Mental, Emotional, and Behavioral Disorders. Psychiatric Clinics of North America, 34(March), 1-34. doi: 10.1016/j.psc.2010.11.003

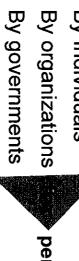










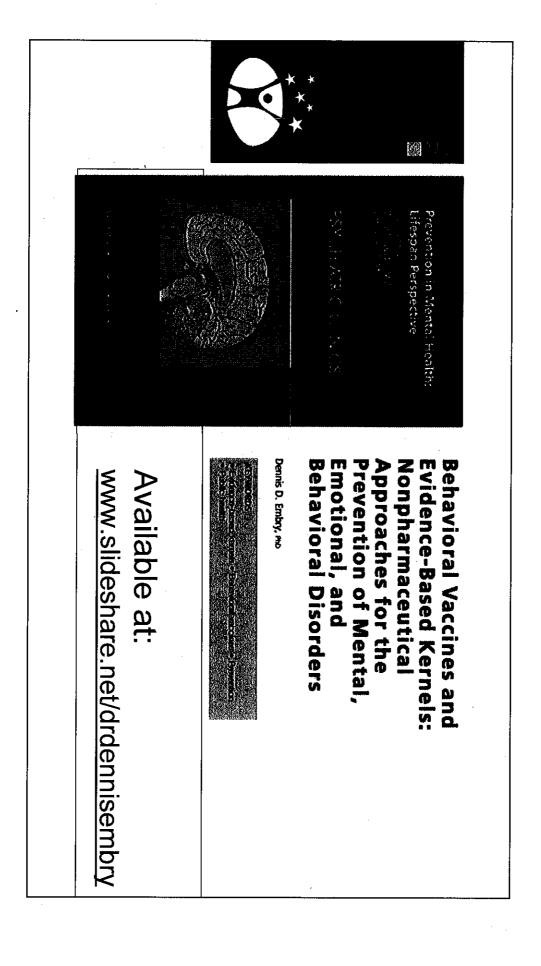


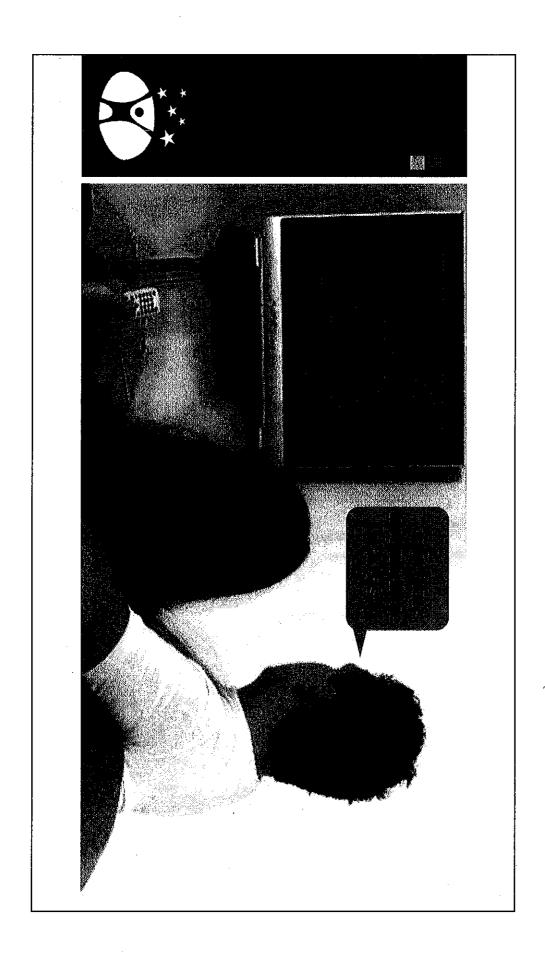
@

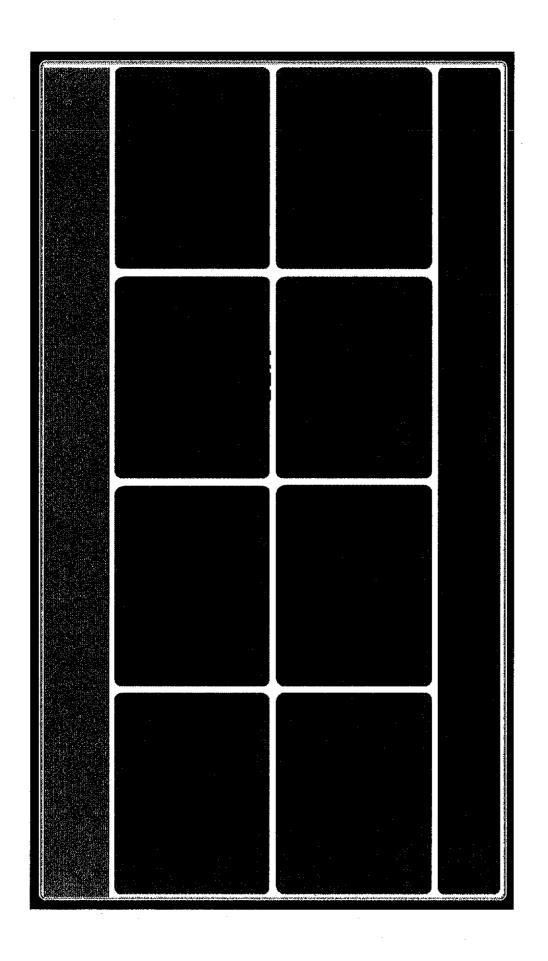
@

personal, family, group, or public health/safety









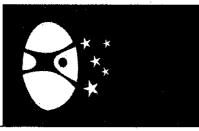


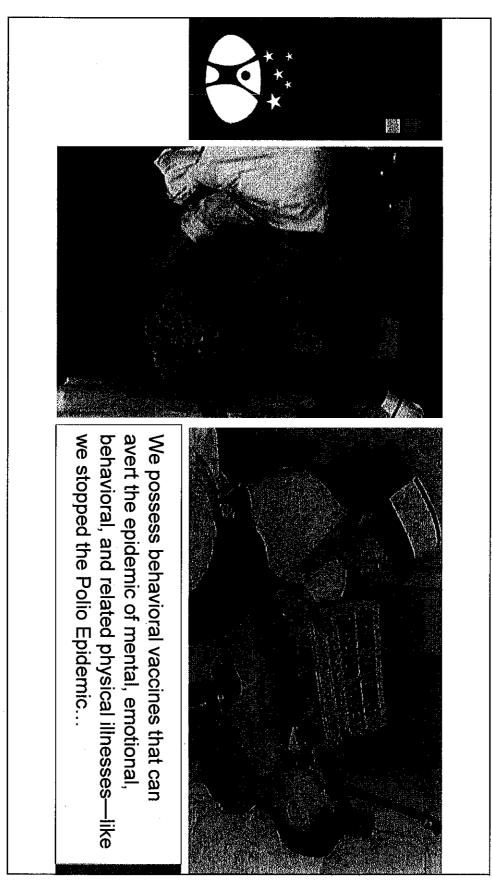
A key difference exists in the report from past practices...

We must stop "rationing" prevention based on risk and protective factor analyses and logic models.

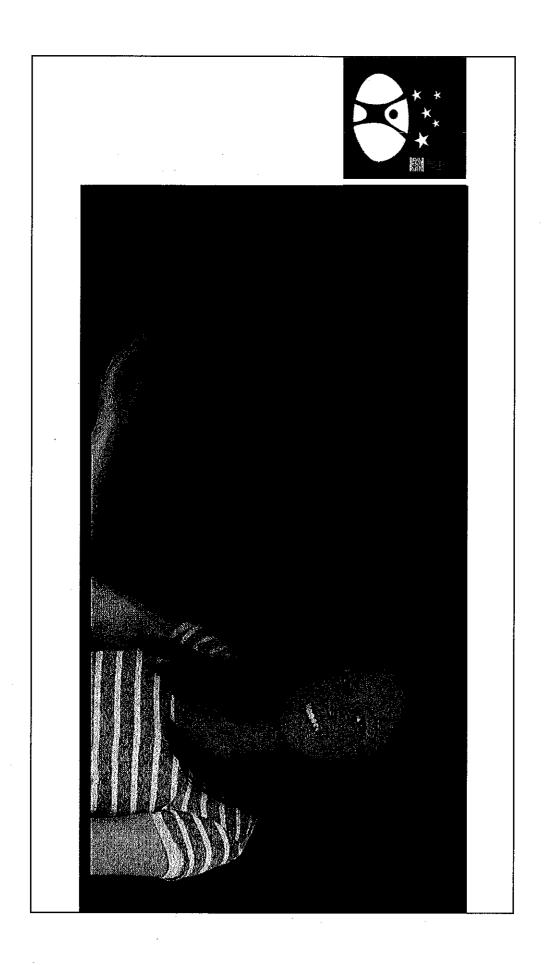
Why?

This risk is nearly universal, and it is more efficient and cost effective to use a true public-health universal protection strategy—just like we did for the polio epidemic in North America in the 1950s.

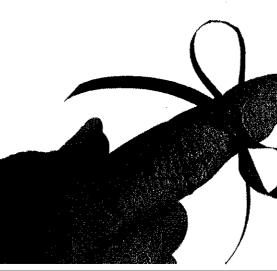












Something to remember about PAX...

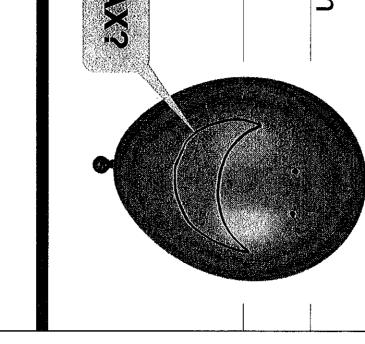
- It is used during NORMAL instruction, for any subject
- It is NOT a prevention curriculum.
- It is NOT a "classroom management" program per se, but it provides better classroom management than virtually any "classroom management program."
- PAX gets rid of hundreds of daily, weekly and monthly stressors for teachers and students.
- PAX is one of the single most proven strategies a teacher can use to promote the highest aspirations that most teachers hold as their deepest values for being a teacher securing a positive future for their students lifetimes.



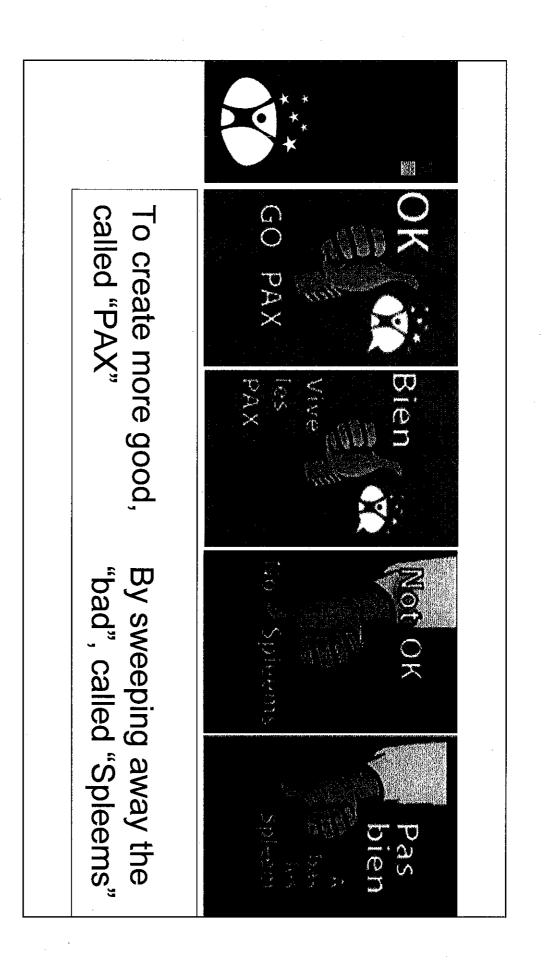
PAX "Dose" during normal, everyday instruction

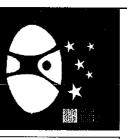
- Three announced games a day keep Spleems away
- One "secret" game a day makes PAX grow
- PAX Cues everyday keep Spleems at bay

Oodles of tootles all day make Spleems zero

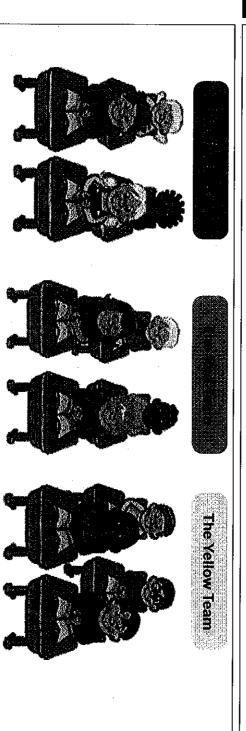


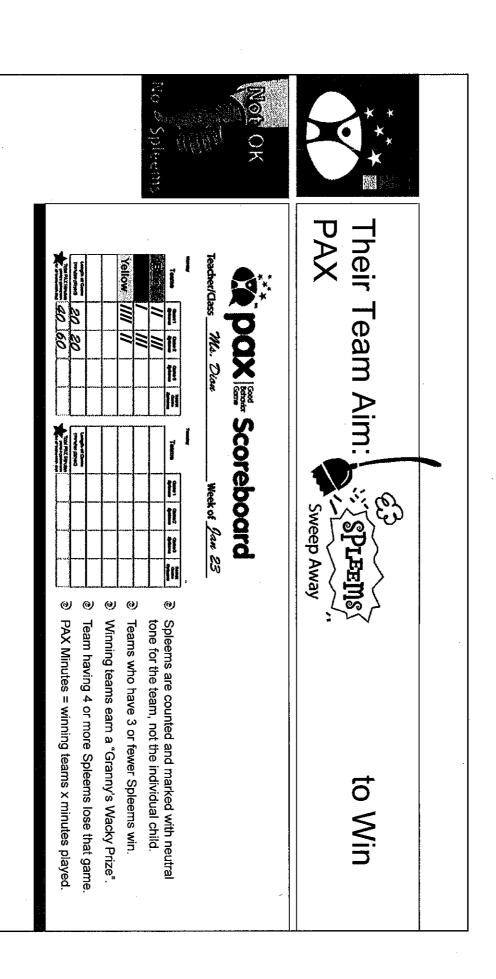


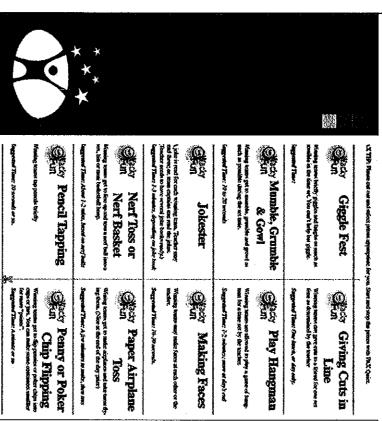




Playing the PAX Game by Teams: During any regular teaching & learning activity





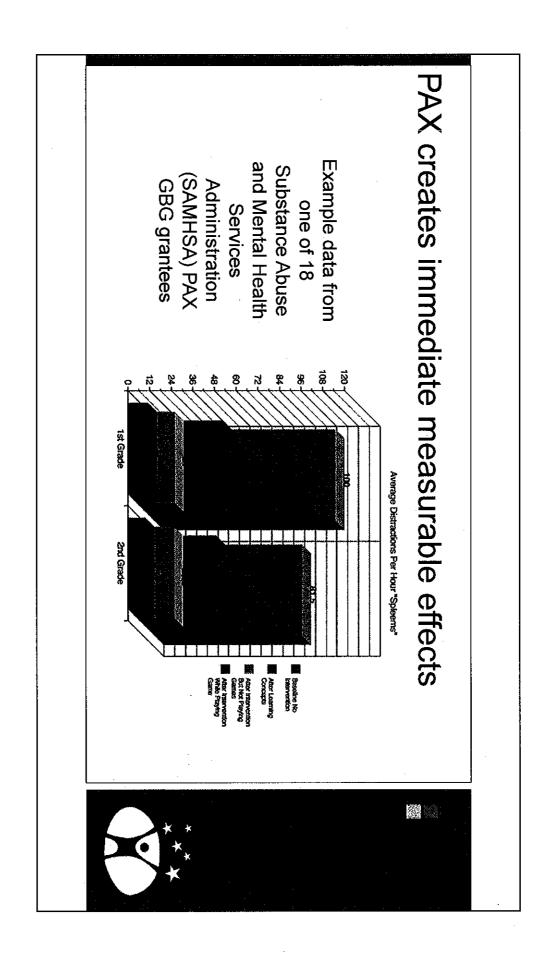


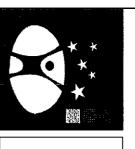
Winning teams get "Granny's Wacky Prizes"

- Brief (30 seconds or so) activity rewards for winning game
- Start and stop with non-verbal cue
- ® Based on mystery motivator and Premack Principle
- @ Function as "intrinsic motivators"



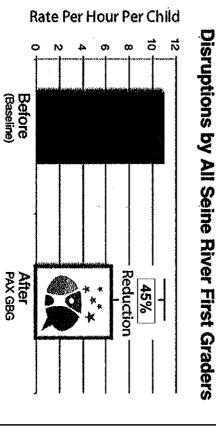






Seine River Manitoba Pilot Demonstration

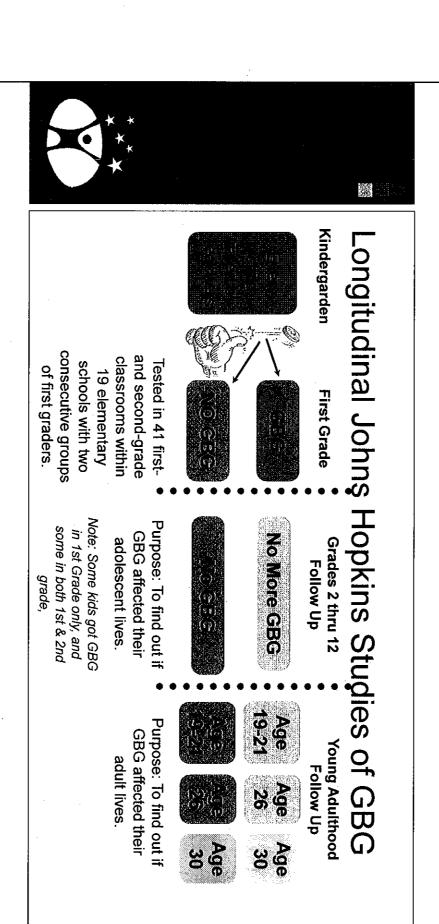
- April, 2011 Principals and key staff trained for two days for all 12 schools.
- April, 2011 First grade classrooms then trained that week
 April through May Each
- April through May Each successive month other grades trained, including 8th grade classes.

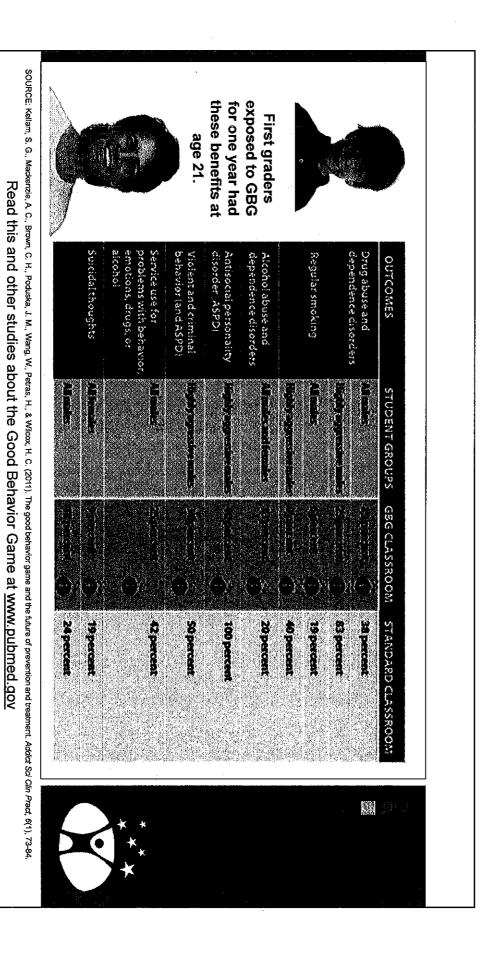




The PAX Game teaches

- Individual and group goal orientation/dependency
- Voluntary control over attention
- Self-regulation, self-calming under excitement
- Delay of gratification
- Cooperation to achieve a bigger goal
- How to ignore accidental attention to negative behavior from peers
- Mild sanctions for anti-social acts by others







How much might PAX GBG save for America's future?

To do PAX GBG will cost about \$150 to protect our children for life from mental illnesses, behavioral problems, drug addictions, becoming a criminal, trying suicide, dying from tobacco or alcohol related illnesses. And, it increases their academic success—including university entry.

PAX GBG pays back \$4637 to individuals, taxpayers, and others per student exposed in First Grade over 15 years.

Assuming 4,000,000 First Graders each year in the US, that saves **\$18 billion** every First Grade cohort by age 21, after an investment of \$600 million (less after first five years)

Source: Acs, S., Lee, S., Drake, E., Pennucci, A., Klima, T., Miller, M., et al. (2011). Return on Investment: Evidence-Based Options to Improve Statewide Outcomes. (July), 8. Retrieved from http://www.wsipp.wa.gov/rptfiles/11-07-1201.



Action steps to bring PAX to your jurisdictions

- Create a rapid pilot in your area with willing and able school partners like the Seine River Rapid Pilot in Manitoba.
- Use independent "Before" and "After" observations of impact like 18 SAMHSA sites in America.

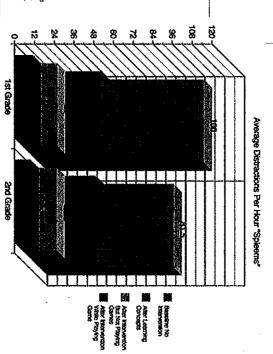
開門

- Capture video testimonials from participating teachers, students, parents, and administrators.
- Take civic leaders and stakeholders on "tour" to see PAX in action.

 Give leaders & stakeholder research summaries, including cost savings for each first-grade cohort

H Q

다 형 전 FE 라





Sample Action steps for sustainable PAX

United Ways and other local funders can make this part of their efforts (See United Way of

Licking County Ohio).

- Classroom. Invite Civic Clubs or individuals to sponsor a PAX
- 빏 exposure classrooms with children with ADHD, Bill CPT codes for consultation (with patient Oppositional Defiant Disorder or trauma present) and (patient not present) for implementation and sustainable coaching in
- 2 14 16 or Medicaid) as PAX GBG much more cost Work with insurance carriers (especially S-CHIP effective.
- Involve parent advocacy groups like CHADD.

Adapt Healthy Child Manitoba Act to your state.

