CRUSH
Collaborative to Reduce the Use of Substances, HIV & Hepatitis
Learning Objectives

• Describe the evaluation gains in reported sexual behavior and Hepatitis knowledge outcomes of the Broward CRUSHH program

• Discuss the multifaceted reasons for the gains in reported sexual behavior and Hepatitis knowledge
Learning Objectives

• Describe the development and implementation of the adaptation of Video Opportunities for Innovative Condom Education and Safer Sex (VOICES/VOCES) for the Minority Re-entry Population.
What is CRUSHH?

- CRUSHH is a 5-year SAMHSA funded research project with two components:
  - A Collaborative of Community Stakeholders.
  - An intervention which provides protective skill sets to Minority and Minority re-entry populations.
What is CRUSHH?

• The intervention consists of (4)-2 hour group sessions that focus on the following:
  
  – Communication Skills
  – Substance Abuse
  – HIV
  – Hepatitis
CRUSHH Goals

• To improve the overall condition of persons living with, affected by, and/or at risk of contracting HIV or Hepatitis, and substance abuse.

• To share cutting edge prevention techniques focused on leading a healthy lifestyle with Broward’s most at risk and underserved communities.
CRUSHH Guiding Principles

• Participatory involvement
• Cultural Competence
• Sustainability
• Continuous quality improvement
The Collaborative

- Broward County Substance Abuse and Health Care Services Division
- Broward County Health Department AIDS/Hepatitis Program
- Broward House
- Armor Correctional Services Inc.,
- Nova Southeastern University
- The Broward Sheriff’s Office
- Broward Re-entry Coalition
CRUSHH Participants

• Minority Population
• Minority Re-entry Population
  – Individuals at risk for Substance Abuse, HIV and Hepatitis
  – Homeless individuals
  – Family members of the above mentioned populations

• Participants 18+ years old
The Intervention

• The intervention consists of (4)-2 hour group sessions that focus on the following:
  – Communication Skills
  – Substance Abuse
  – HIV
  – Hepatitis
The Intervention

- Videos
- Educational materials
- Ice-breakers
- Role playing
- Development of a personal inventory
The Intervention

- Class size runs from 10 to 15 participants
- Incentives are provided to all participants through the sessions
- Tracking forms with participants information are completed to facilitate follow up
The Intervention

Prevention Techniques

• Assist in creating new attitudes towards a healthy lifestyle
• Provide opportunities to enhance a positive “sense of self”
• Offer methods to reduce risk behaviors
CRUSHH Evaluation Data

• This data reflects the first 3 years of our 5 year grant period

• From February 2007 to May 2008, CRUSHH intervention staff recruited 272 participants from 20 cohorts

• We have reached 72% of our baseline participation goal of 380 participants
CRUSHH Evaluation Data

• Further analysis was conducted on the 136 participants (72%) who meet our target population of minority re-entry and attended all 4 sessions of the intervention program
Demographics

Gender
• Male 75%
• Female 25%

Age
• 18-25 30%
• 26-35 12%
• 36-45 24%
• 46-55 23%
• 56-65 10%
Demographics

Ethnicity
• Non-Hispanic 89%
• Hispanic 11%

Race
• Black/AA 79%
• White/Caucasian 10%
Demographics

Education
- Some to completed high school 70%
- Some college to higher degree 21%
- 1st to 8th Grade 9%

Income
- $0-10,000 64%
- $10,001-20,000 16%
Demographics

Re-entry 81%

Time since last incarceration
• Less than 30 days 24%
• 30 days to 1 year 45%
## Substance Abuse

Percent of participants (n=113) who had ever used the following substances in the past 30 days

<table>
<thead>
<tr>
<th>Question</th>
<th>Baseline</th>
<th>Exit</th>
<th>Follow-up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cigarette</td>
<td>57%</td>
<td>54%</td>
<td>56%</td>
</tr>
<tr>
<td>Other Tobacco Product</td>
<td>29%</td>
<td>30%</td>
<td>30%</td>
</tr>
<tr>
<td>Alcoholic Beverage</td>
<td>16%</td>
<td>18%</td>
<td>27%</td>
</tr>
<tr>
<td>Drunk or High</td>
<td>12%</td>
<td>11%</td>
<td>24%</td>
</tr>
<tr>
<td>Marijuana</td>
<td>8%</td>
<td>7%</td>
<td>21%</td>
</tr>
<tr>
<td>Illegal Drug</td>
<td>9%</td>
<td>9%</td>
<td>19%</td>
</tr>
<tr>
<td>Cocaine or Crack</td>
<td>7%</td>
<td>7%</td>
<td>14%</td>
</tr>
<tr>
<td>Methamphetamine</td>
<td>5%</td>
<td>5%</td>
<td>12%</td>
</tr>
<tr>
<td>Prescription drugs without a doctor’s order</td>
<td>4%</td>
<td>8%</td>
<td>16%</td>
</tr>
<tr>
<td>Injected drugs</td>
<td>7%</td>
<td>8%</td>
<td>19%</td>
</tr>
</tbody>
</table>
Top 3 age groups for questions regarding first time use of substances at baseline

<table>
<thead>
<tr>
<th>Question</th>
<th>10 – 13 Years</th>
<th>14 – 17 Years</th>
<th>18 – 21 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cigarette</td>
<td>24%</td>
<td>29%</td>
<td>15%</td>
</tr>
<tr>
<td>Other Tobacco Product</td>
<td>15%</td>
<td>16%</td>
<td>12%</td>
</tr>
<tr>
<td>Alcoholic Beverage</td>
<td>17%</td>
<td>33%</td>
<td>24%</td>
</tr>
<tr>
<td>Marijuana</td>
<td>23%</td>
<td>32%</td>
<td>19%</td>
</tr>
<tr>
<td>Other Illegal Drug</td>
<td>9%</td>
<td>17%</td>
<td>19%</td>
</tr>
</tbody>
</table>
### Risk Assessment of Substance Usage

Do people risk harming themselves physically or in other ways when....

<table>
<thead>
<tr>
<th>Substance</th>
<th>Great Risk</th>
<th>Moderate Risk</th>
<th>Slight Risk</th>
<th>No Risk</th>
<th>Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cigarettes</td>
<td>59%</td>
<td>16%</td>
<td>5%</td>
<td>6%</td>
<td>14%</td>
</tr>
<tr>
<td>Marijuana</td>
<td>35%</td>
<td>14%</td>
<td>23%</td>
<td>9%</td>
<td>20%</td>
</tr>
<tr>
<td>Alcohol</td>
<td>59%</td>
<td>13%</td>
<td>9%</td>
<td>4%</td>
<td>15%</td>
</tr>
</tbody>
</table>
Sexual Behavior

From Baseline to Follow-up in the past 30 days:

- Protected oral sex increased from 34% to 64%
- Protected vaginal sex increased from 49% to 58%
- Protected anal sex increased from 50% to 70%
Knowledge

The intervention showed NO lasting effect on participants’ knowledge in the following areas:

- Only people who look sick can spread HIV/AIDS virus
- Only people who have sexual intercourse with gay (homosexual) people get HIV/AIDS
Knowledge

Participants’ did retain knowledge of the treatment and testing of HIV after the intervention:

- There are drugs available to treat HIV that can lengthen the life of a person infected with the virus
- There is no cure for AIDS
- Young people under age 18 need their parents’ permission to get an HIV test
Knowledge

- From baseline to follow-up participants' hepatitis knowledge increased from a range from 43-68% at baseline to 53-89% at exit & were maintained at follow-up
Health Care

Do you have health insurance?

❖ Yes 30%
❖ No 70%
Health Care

In the past 30 days have you been in an educational class/program?

- HIV/AIDS prevention program 45%
- Hepatitis prevention program 26%
- Drug/alcohol abuse prevention program 58%
Section 6: Health Care

- Overall, participant’s health care circumstances have improved

- At baseline, only 30% of the participants answered that they had health insurance, 37% at exit and 44% at follow up time
Section 6: Health Care

- Overall, participants are more aware of health care services regarding HIV/AIDS and have received more HIV testing in comparison to hepatitis.

- Through the CRUSHH intervention, participants become more aware of the health care resources in their neighborhood.
Section 6: Health Care

Know where to see health care professionals

<table>
<thead>
<tr>
<th>Question</th>
<th>Baseline</th>
<th>Exit</th>
<th>Follow-up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regarding HIV/STD</td>
<td>73%</td>
<td>82%</td>
<td>84%</td>
</tr>
<tr>
<td>Regarding Hepatitis</td>
<td>69%</td>
<td>83%</td>
<td>86%</td>
</tr>
<tr>
<td>Regarding Drug/Alcohol Abuse</td>
<td>79%</td>
<td>85%</td>
<td>86%</td>
</tr>
</tbody>
</table>

Been tested or received vaccination

<table>
<thead>
<tr>
<th>Question</th>
<th>Baseline</th>
<th>Exit</th>
<th>Follow-up</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV/STD</td>
<td>76%</td>
<td>82%</td>
<td>88%</td>
</tr>
<tr>
<td>Hepatitis Test</td>
<td>52%</td>
<td>62%</td>
<td>79%</td>
</tr>
<tr>
<td>Hepatitis Vaccination</td>
<td>31%</td>
<td>37%</td>
<td>64%</td>
</tr>
</tbody>
</table>
## Self-Reported Behaviors

### Comfort level while answering questionnaire

<table>
<thead>
<tr>
<th>Response</th>
<th>Baseline</th>
<th>Exit</th>
<th>Follow-up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very comfortable</td>
<td>69%</td>
<td>74%</td>
<td>67%</td>
</tr>
<tr>
<td>Somewhat comfortable</td>
<td>16%</td>
<td>9%</td>
<td>19%</td>
</tr>
<tr>
<td>Somewhat uncomfortable</td>
<td>7%</td>
<td>8%</td>
<td>1%</td>
</tr>
<tr>
<td>Very uncomfortable</td>
<td>8%</td>
<td>6%</td>
<td>13%</td>
</tr>
</tbody>
</table>

### Level of truthfulness while answering questionnaire

<table>
<thead>
<tr>
<th>Response</th>
<th>Baseline</th>
<th>Exit</th>
<th>Follow-up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very truthful</td>
<td>87%</td>
<td>82%</td>
<td>70%</td>
</tr>
<tr>
<td>Somewhat truthful</td>
<td>4%</td>
<td>3%</td>
<td>17%</td>
</tr>
<tr>
<td>Somewhat untruthful</td>
<td>2%</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Very untruthful</td>
<td>7%</td>
<td>7%</td>
<td>8%</td>
</tr>
</tbody>
</table>
Summary of CRUSHH Intervention

- The CRUSHH intervention did not show an effect on reported substance abuse behaviors.

- However, the CRUSHH intervention did show an effect on reported sexual behaviors.
Summary of CRUSHH Intervention

- Also, CRUSHH participants exhibited a greater increase in hepatitis knowledge including the definition, cause and transmission.

- Through the CRUSHH intervention, participants become more aware of the healthcare resources in their neighborhood.
VOICES/VOCES

- Video Opportunities for Innovative Condom Education and Safer Sex

- One of the research-based interventions identified by the Diffusion of Effective Behavioral Interventions Project (DEBI)

- VOICES/VOCES is a single-session, video based HIV/STD prevention intervention designed to encourage condom use and condom negotiation skills among heterosexual African-American and Latino men and women who are at risk for acquiring or transmitting HIV or other STD's.
What is VOICES/VOCES?

- Groups are convened in a room that allows privacy for discussion.

- Groups are gender specific and ethnic specific, so that participants can develop prevention strategies appropriate for their culture.
What is VOICES/VOCES?

• Information on HIV risk behaviors and condom use is delivered by videos, facilitated by groups discussion, and a board presenting various condom brands in English and Spanish.

• Two culturally specific videos are used: one for African-Americans participants- *Love Exchange* and a bilingual video for Latinos- *Porque Si*
VIDEOS

• Three new videos were developed to respond to the need to “update” the existing videos for a more current look and to produce videos based on community input from South and Southwestern populations and Spanish-speaking populations.
VIDEOS

• The three new videos are: *Do It Right*, for heterosexual African-American men and women

• *It’s About You*, for English-speaking, heterosexual Latino men and women

• *Se Trata De Ti*, Spanish-speaking, heterosexual Latino men and woman.
“Second Chances”

• On September 2008, CRUSHH completed filming the production of Second Chances.

• The video approved by our SAMHSA project officer was launched at the Minority HIV/AIDS Initiative Grantee Training Assistance Meeting in Fort Lauderdale, Florida. Implementation of the video started on October 2008.
VIDEOS

• The fourth video, *Safe in the City*, was developed and evaluated under a CDC cooperative agreement with multiple sites, and has been seen to be effective in reducing the proportion of STD clinic patients who get new infections after a clinic visit.
“Second Chances”

- To better serve our Minority and Minority Re-entry target population the original videos utilized by the VOICES/VOCES intervention (*Love Exchange* and *Porque Sí*) was adapted specifically for the re-entry population.

- Story line, scenarios, and characters were tailored to match real life situations experienced by the re-entry population.
Viewing of
SECOND CHANCES
VIDEO