



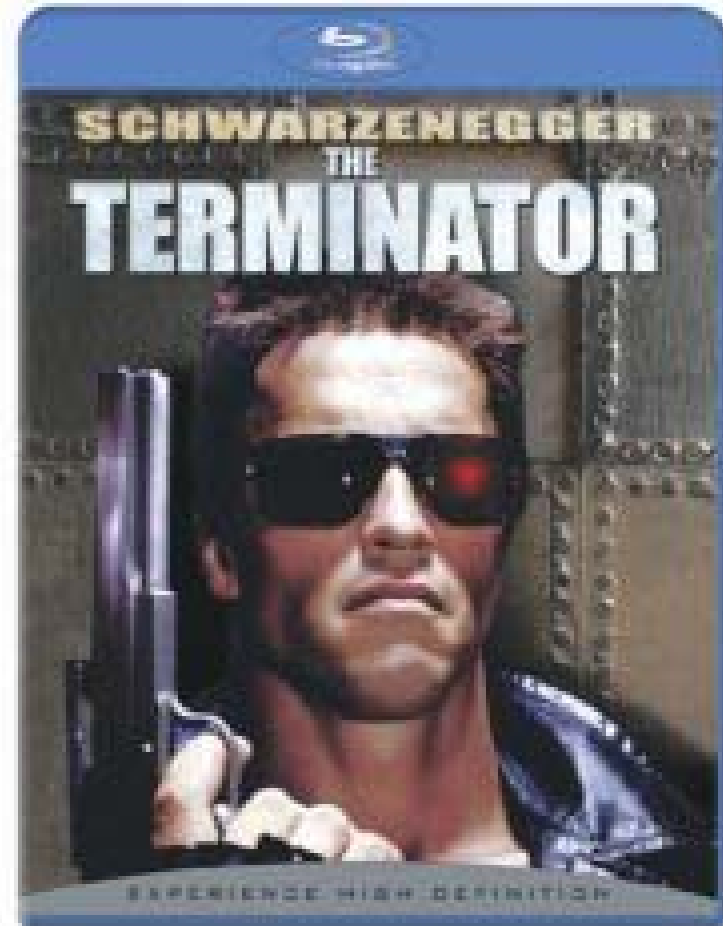
Cops and Docs:
The Terminator of Underage Drinking
Katie Lenihan and Roxanne Woods RN



The TERMINATORS of Underage Drinking

Cops - Ca ABC

Docs - UCDCMC





Terminator Objectives

- **Identify how the medical community may aide in changing youth alcohol environments**
- **Identify community partners for reducing alcohol access for teens**
- **Develop effective collaboratives to address youth alcohol access issues your community**

TEAMWORK



SAMHSA 2008 National data*

- 40% of underage drinkers received free alcohol from adults over 21 (10.8 million)
- 1 in 16 underage drinkers (was given alcoholic beverages by their parents or guardian in the past month
- Youths ages 12 to 20 (3.5 million) are diagnosed as have an alcohol disorder (dependence or abuse) within their lifespan

* July 2008



2007 Nationwide

- 16% of all the alcohol was consumed by underage individuals.
- Total alcohol revenue were \$19.8 Billion
- Only \$25 Million were given to OJJDP for administering underage drinking programs
- Of the \$ 19.8 Billion in revenue, only 0.8% of total sales were earmarked for underage drinking programs.



Cost of Underage drinking 2005 \$2,094 for each youth in the nation

	Total	\$60.3 Billion
■ Youth Violence		\$31.1 Billion
■ Youth Traffic crashes		\$14.9 Billion
■ High Risk Sex (14-20 years)		\$5.6 Billion
■ Youth Property Crimes		\$3.1 Billion
■ Others: youth injuries, poisons, psychoses, FSA among mothers ages 15 – 20 years, youth alcohol treatments		\$5.0 Billion



California SWITRS data

Collision Type Alcohol Involved Fatal and Injured

	2004	2005	2006
Alcohol involved	1514	1440	1470
Alcohol involved under 21	151	125	198
Alcohol involved 21-34	517	491	512
Night time (2100-0259)	1340	1320	1179



California Alcohol Problems Drain \$38 Billion annually*

- **Costs roughly \$ 1,000 per resident**
- **Illness - \$ 18.2 Billion (47%)**
- **Traffic (DUI) - \$ 8.4 Billion (22%)**
- **Crime - \$ 7.8 Billion (20%)**
- **Injury - \$ 4.0 Billion (11%)**

*July 2008 Marin Institute



TEAMWORK



California



ABC

ALCOHOLIC BEVERAGE CONTROL



California Alcoholic Beverage Control

- Statewide agency
 - 24 District Offices plus 6 Specialized Units
- ETOH Licensees
 - Approximately 77,000
- # of Investigators
 - 153
- 503 licensed premises per investigator



California Alcoholic Beverage Control

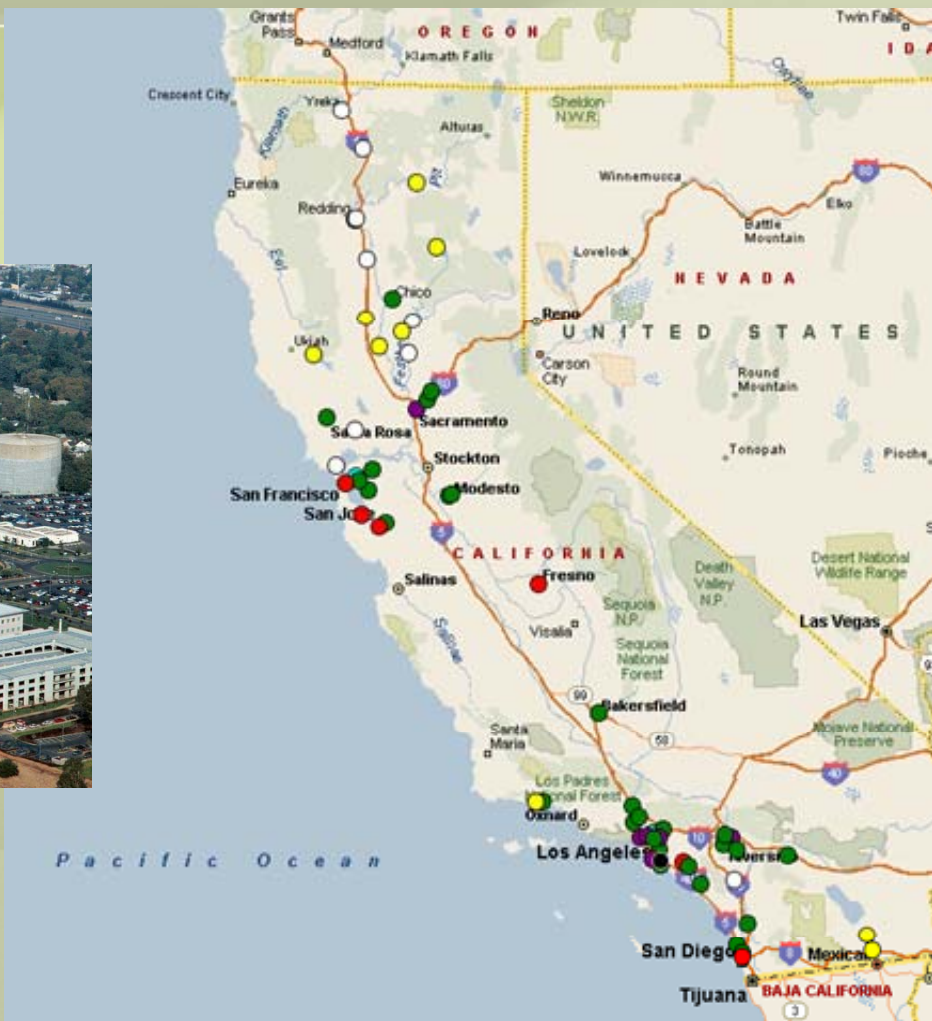
- Programs
 - Minor Decoy
 - Shoulder Tap
 - Party Prevention
 - TRACE
 - GAP

TEEN CORNER



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California Level 1 Trauma Centers





Sacramento data

UC Davis Medical Center Data 12-17 yrs of age Adolescents

Emergency Department with a Positive Blood Alcohol (BA)

2004	2005	2006	2007
Total 76	Total 84	Total 101	Total 110
Admitted 37	Admitted 33	Admitted 44	Admitted 39
Average BA 0.138	Average BA 0.142	Average BA 0.149	Average BA 0.164



Case study #1

- Female 16 years old
- BAC 0.347
- 2:56 AM
- BIBA with Temperature of 97.8 °C
- At party, vomiting, friends took her outside to vomit and left her, they called EMS to responded, GCS 5, transported to ED, intubated, IV and paralyzed, ICU for two days
- Transferred to Kaiser Hospital ... alcohol program hopefully admitted



Case Study #2

- Male 19 years old
- BAC 0.524
- Found down by friends, celebrating his birthday, they called 911
- BIBA with Temperature of 96.8 °C
- Vomiting, GCS 10 then decreased to 4, intubated, IVs, sedated, discharged home from ED with no follow up care



Case Study #3

- Female 16
- BAC 0.400
- Found by family member in bedroom with bottle of brandy
- BIBA with Temperature of 96.4 °C
- GCS 10-11 then decreased to 3, intubated, IVs and warmer added in ED, Crisis SS, CPS called, discharged to mother with no follow up care
- Mother and patient refused to acknowledge problem
- Patient on Probation



Case Study #4

- Male 12 years old
- BAC 0.263
- Found down by bystander, call 911
- BIBA with Temperature of 97.8 °
- Information that child drank 1.75 liter of vodka...with uncle
- GCS 10-11 then decreased to 3, intubated, IVs and warmer added in ED, Crisis SS, CPS called, discharged to mother with no follow up care



Cops and Docs

- History of working together –
 - “Every 15 minutes” “ Safe Night” & other community events
- ABC- History of Trace
- UCD ED Nurse
- Collaboration- **Knowledge of the Problem**
- Discussion of others agencies concerning problem of underage drinking
- The **Passion to make the change**
- Working group to Coalition building



Are our heads in the sand?

- Parents supply alcohol to underage individuals
- Parents allow parties with alcohol-
“Right of Passage”
- Advertisement show it’s
“cool to drink”
- Placement of alcohol in stores next to soft drinks





Are our heads in the sand?



- Community leaders
- Local schools Administrators, Junior Hs and Senior HS
- Local colleges Administrators
- Hospitals
- Private Practice Physicians
- County Health Departments
- Judicial System



Sacramento Regional Youth and Alcohol Coalition

- Mission statement:

“To improve the health and safety of adolescents through positive change of community response to underage alcohol use”.

- Committees:

- Media group

- Data group

- Policy Group –

- Youth access/retail availability/social host





#1

Coalition Goal

- To educate the Sacramento Regional community **“who’s heads are in the sand”**
- Media event
- Bring together all the Partners at the media event
- Message of the media event
“minor drinking ... major problem”

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Sacramento Regional Youth and Alcohol Coalition

- Awareness building efforts to increase community knowledge about youth alcohol issues
- Support efforts being pursued to increase youth safety and well being



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Sacramento Regional Youth and Alcohol Coalition



- Engage effectively the medical community in a comprehensive approach to address youth alcohol issues for adolescents perceive the ED as a safe place.
- Data collection of local underage drinking a community effort

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Sacramento

Regional Youth and Alcohol Coalition

- Unique Stakeholders Group are committed to collaborate and link the medical community, engage criminal justice system, law enforcement, local alcohol programs, community schools, community administrators, community youth and parents **to address and change youth alcohol issues in the region**





Stumbling blocks in Change Underage drinking

- HIPPA
- Hospital attorneys
- Child Protective Services
- Law Enforcement in ED
- Lack of knowledge of EMS
- Data



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California Office of Traffic Safety grant

- Level I and all three Level II trauma centers in Sacramento
- Consent and assent 12 – 17 year old adolescents and their parents
- Alcohol screening tool and intervention in EDs
- Training of ED nurses and doctors
- Community response for illegal underage drinking



A perfect case study

- Female 14 years old
- BAC 0.269
- Found down at local high school
- BIBA with Temperature of 97.8 °
- Information that child was drinking vodka in coke bottle at school
- GCS 10-11 then decreased to 3, intubated, IVs and warmer, mother in ED. Mother wanted trace of alcohol at school, signed papers, patient screening tool and intervention in ED with patient and mother by nurse, discharged home with community follow up of care





The Terminator Now





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