Mapping Childhood Trauma as a Root Cause
Carter Center
11/17/2016

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Root Cause Analysis
ACExs = Adverse Childhood Experiences

The three types of ACExs include:

**ABUSE**
- Physical
- Emotional
- Sexual

**NEGLECT**
- Physical
- Emotional
- Mother treated violently

**HOUSEHOLD DYSFUNCTION**
- Mental Illness
- Incarcerated Relative
- Substance Abuse
- Divorce
ACE Study

• Compared to people with no history of ACEs, people with scores of 4 or higher were:
  – 7X more likely to be alcoholics
  – 7X more likely to have had sex before 15

• Men with ACE scores of above 5 were 46X more likely to have injected drugs

• Adults with ACE scores of 6 were 30X more likely to have attempted suicide
In memory of LAND WADE CARLTON

1990

REMEMBER Sonja Larson
Christina Powell
Christa Hoyt
Manuel Taboada
Tracy Paules

In memory of WALTER DAVIS

1990

REMEMBER Sonja Larson
Christina Powell
Christa Hoyt
Manuel Taboada
Tracy Paules

In memory of DAVID CARR

1990

REMEMBER Sonja Larson
Christina Powell
Christa Hoyt
Manuel Taboada
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GAINESVILLE, FL: MEDICAID BIRTH DENSITY AND COUNT BY CENSUS BLOCKGROUP (2007 - 2009)

Color Legend: Approximate Number of Medicaid Births per Square Mile

Mobile Outreach Clinic Stops

This map shows the distribution of 2,760 Medicaid Births. Census Blockgroups with less than 5 Medicaid Births are not labeled.
“The greatest value of a picture is when it forces us to notice what we never expected to see.” John W. Tukey (Inventor of the box plot) 1977
Local Solution

The University of Florida launched the Mobile Outreach Clinic in January of 2010.

Stops in at-risk neighborhoods around Alachua County

(Now a bricks and mortar clinic!)
The Partnership Works!

Resource Center

• Last year, approximately 15,000 visits.

• Since opening in the summer of 2012, more than 42,000 visits.

• Since 2012, there has been a 45% reduction in the verified maltreatment counts in the zip code 32607.

Health Clinic

• Seeing approximately 500 patients a month.

• That includes more than 37,000 individual medical services and more than 14,000 dental services.
Reductions in Calls for Service

- Narcotics violations
- Sexual battery
- Shots heard/fired
Increase in Calls for Service

- Domestic disturbance
- Robbery
- Sex offense
- Possibly mentally impaired
- Juvenile problem
- Marchman/Baker Act
Decrease in total births

-127 births @ $8800 ea = $1.1M
Decrease in Medicaid births

-56 births
@$9714= $544K
Decrease in births with short IPI

-68 births
Decrease in Premature Births

-27 births @ $83,800 = $2.3M
Many (>45%) Florida Women Did Not Plan Or Want Their Baby

Source: FDOH PRAMS Surveillance Reports
Relative risk of child abuse by interpregnancy interval (Thompson, Hardt, et al)
-84 maltreatment
-11 removals to FC
$187K \times 84 = \$15.7M
For FC, add $26K/year

These are FYs.
Gainesville, Florida
FY08-09 Verified Maltreatment Incidents
And Resource Center Locations
Gainesville, Florida
FY14-15 Verified Maltreatment Incidents
And Resource Center Locations
Alachua County, a trauma responsive community in evolution
2015 ANNUAL REPORT FOR THE STATE OF ALACHUA COUNTY
ACSO Crime Analysis Unit
Percentage of Selected Crime

- **Assault / Battery**: 512 or 14%
- **Burglary**: 940 or 26%
- **Domestic Incident**: 1985 or 54%
- **Murder**: 1 or 0%
- **Attempted Murder**: 3 or 0%
- **Robbery**: 52 or 1%
- **Stolen Vehicle**: 107 or 3%
- **Sexual Battery**: 81 or 2%

*Note: The percentages may not sum up to 100% due to rounding.*
In 2014 we were already trauma aware...

- 2007 InVEST program: weekly staffing for cases identified as high risk, a collaboration between court, domestic abuse network, and sheriff’s office
- 2009 LAP training for deputies answering calls for domestic violence, results reviewed by InVEST
- 2010 IPVAC, law/medicine clinic improved access to orders of protection
- 2012 High Risk team: monthly staffing for cases identified by LAP, includes DCF, ACSO, Peaceful Paths
- 2012 DV Fatality Review noted intergenerational violence in each case
Don C. Spirit, 51 called 911 and reported that he had just shot his daughter and 6 grand children. He then said he would shoot himself once law enforcement arrived on scene.

He did.
SEPTEMBER 18, 2014

3 Generations of victims of Bell tragedy (Gilchrist county)

- Daughter, Sarah Spirit, 28
- Grandson, Kaleb Kuhlmann, 11
- Granddaughter, Kylie Kuhlmann, 9
- Grandson, Johnathon Kuhlmann, 8
- Granddaughter, Destiny Stewart, 5
- Grandson, Brandon Stewart, 4
- Granddaughter, Alanna Stewart, 3 mos.
- Grandfather, Don Spirit, 51 (suicide)
DCF: There was no way to foresee Bell killings

Darnell says a UF team told DCF the kids should not have contact with their grandfather.

Sheriff: DCF didn’t have an awareness of Spirit

Spirit: Daughter wrote she was ‘very scared’ of her dad

Stewart, 5, Brandon Stewart, 4, and Alanna Stewart, born on June 28. Spirit also killed their mother, Sarah Spirit, 28.

Both the UF team and the Florida Department of Health refused to confirm that they interviewed the children, citing confidentiality laws.

However, Darnell said he talked to a school in the June 1, 2013

GEDF didn’t visit the home three weeks after the report. DCF’s Mental Health Office said.

The DCF case was closed around the same time. Questions remain as to why no one went to remove the children from a deteriorating situation.

But after investigating the Spiritual Scared and substance abuse created a volatile combination that exploded in tragedy.

It raises questions about the same agency tasked with protecting children from such issues.

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Sarah’s children had at least 4 ACES

- Physical abuse
- Mother treated violently
- Parental substance abuse
- Incarcerated parent
After Bell, enhancements to information sharing were made

- **InVEST Team** Department of Children and Families (DCF) added to weekly meetings
  - Domestic abuse network sent staff to DCF

- **Lethality Assessment Program (LAP)**
  - 2015 - LAP sent to DCF immediately (indicating child endangerment)
Peace4Gainesville, a trauma responsive community

- Trauma/ACES occur when terrifying events overwhelm the ordinary human adaptations to stress.
- ACEs in the absence of resilience lead to serious long term effects on mental and physical health and social functioning.
- Our goal is to reduce trauma and enhance resilience.
Goals of P4G

• Raise community awareness by presenting a common vocabulary for trauma and trauma responsive service provision
• Use data to inform action
• Change expectations of programs and service provision, embedding trauma responsiveness in our community agencies, institutions, programs, and policies
Summary

• Trauma responsive care is designed with the consumer in mind (convenient hours and location, no appointments needed, non-judgemental providers)

• The combination of family support services and family planning
  • reduced births, births with short interpregnancy intervals, premature births, documented cases of child abuse and neglect, and foster care placement

• We found this out quite by accident! We just asked people what they wanted and needed and removed access barriers
What we learned...

• Local data has power
• Density maps are easy for everyone to understand
• Ask people what they need/want
• Foster non-traditional partnerships
• Look at your data again
• If no improvement, try another approach. If improvement, make your change permanent (policy)
Our Policy Wishlist

• Address childhood trauma to reduce incidence AND to improve care of mental illness and substance use in adults
• Reduce obstacles to data sharing (HIPAA, FERPA)
• Remove $$ obstacles to interprofessional collaboration (example: DOJ grant will not allow social worker to be funded)
WE ARE NOT DONE!
The C.H.I.L.L.D. (Children’s Health Imagination Learning and Development) Center
42.6% of low-income mother’s income is spent on childcare.
Only 57 of 860 Children in SWAG Area Attend Head Start

- 93% are Head Start Attendees
- 7% are Not Able to Attend Head Start
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