Graham v Florida

U.S. Supreme Court:
"... developments in psychology and brain science continue to show fundamental differences between juvenile and adult minds. For example, parts of the brain involved in behavior control continue to mature through late adolescence."
Actuarial Prediction of Recidivism: Risk & Protective Factors

- Age
- Genetics
- Age at first offense
- Index offense type
- IQ
- Mental Illness (untreated)
- Alcohol/Substance abuse/dependence
- Employment
- Social support
- Psychopathy (Hare PCL-R)
- Impulsivity

Recidivism in Youth with CU/CD

(Vincent et al., 2003)

Recidivism Following Treatment

Violent Offenses

(Rice, Harris & Cormier, 1992)

Brain Scans Predict Recidivism

(Aharoni et al., 2013; 2014)

Cox Survival Analysis

Test controls for:
- Age at release, PCL-R factors, AA & Drug problems, Trait anxiety, FA rate.

Crimes (Nonviolent) (ACC split)

O.R. = 4.4**
Importance of Early Intervention
Youth Treatment Study (2-year follow-up)

![Bar graph showing recidivism rates](image)

All Serious Offenders: Hare PCL-YV Total > 27

(Caldwell et al., 2006)

**Brain Changes with Treatment?**

![Brain scan](image)

**Importance of Early Intervention**

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More details: email Kent Kiehl: kkiehl@unm.edu

www.kentkiehl.com