### Anti-social personality disorder

- Pervasive pattern of disregard for and violation of the rights of others occurring since age 15
- As indicated by 3 or more of:
  - Failure to conform to social norms with respect to lawful behavior
  - Deceitfulness
  - Impulsivity or failure to plan ahead
  - Irritability and aggressiveness
  - Reckless disregard for safety of self or others
  - Consistent irresponsibility
  - Lack of remorse

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### Impulse control

- Source of emotional impulses?
  - Amygdala (limbic system)
- Control over emotional impulses?
  - Frontal lobes
- What could cause impulsive behavior?
  - Strong impulses
  - Weak control
  - Both combined (an interaction)

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### Testing impulse control

- Stroop test
- "Knock" test
- Movement sequences:
  - Alternate palm and fist
  - Palm, fist, side
- Correct performance involves inhibiting incorrect thoughts or responses

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### Frontal lobes vs. amygdala

- Study of 41 serial killers
  (Raine, Mossard, et al., 1998)
  - Groups: good home vs. abusive home
  - Which group showed more impaired frontal functioning?
    - The one from good homes
    - No abuse to elevate emotional impulses
"I see a brain that’s vulnerable to violence"
Does this conclusion have good internal validity?
He’s not blind to condition

Exam
- Format:
  - 75 points total
  - 55 multiple choice questions
  - 35 on new material (after Exam 2)
    - Includes material from Personality (Ch. 15)
  - Rest will be similar to questions from Exams 1 or 2
  - 8 short-answer questions totaling 20 points

Short-answer questions
- Joel Rifkin
  - What neuropsych tests did he fail? What mental processes and brain regions were impaired?
- Positive symptoms of schizophrenia
  - Identify them, give one example for each
- The spotlight effect (Gilovich et al., 2000)
  - Pattern of results for Barry Manilow conditions
  - Role of the control condition

Short-answer questions
- Kirsch and Sapirstein (1998)
  - What different components can contribute to reduced depression?
  - What conditions provided evidence for each?
- Design of Stanford Prison project
- Given a modified Milgram procedure:
  - Identify independent and dependent variables
  - Identify it as an experiment or a quasi-experiment

Short-answer questions
- “Quiz show” study of fundamental attribution error (L. Ross et al., 1977)
  - What were the groups and how were they formed?
  - Pattern of results
- Implicit association demonstration from Attributions and Attitudes class
  - Decision rules for both groups
  - A couple of stimulus words