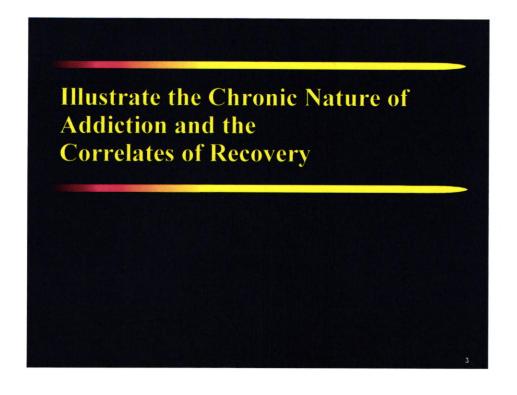
Addiction: What Every Judge Should Know

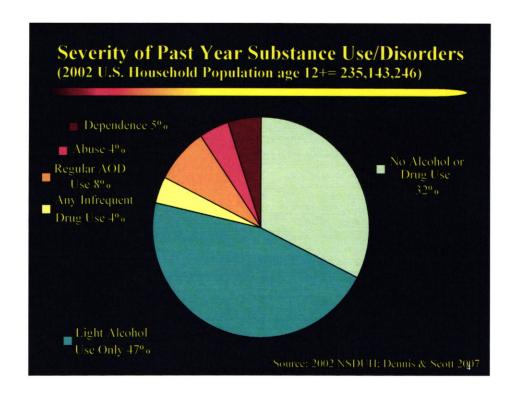
Michael L. Dennis, Ph.D. Chestnut Health Systems Normal, IL

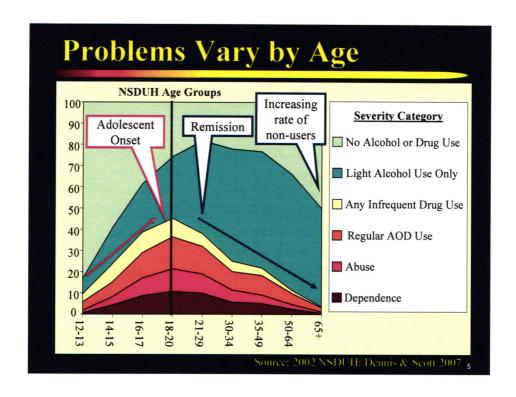
Presentation at "Addiction: What Every Judge Should Know" workshop, March 5, 2009, Paul Brown Stadium, Cincinnati, Ohio. This presentation was supported by funds from Ohio Supreme Court and Bureau of Justice Assistance Edward Byrne Competitive National Interest Gram no 2008-DD-BX-0-10 and using data from NIDA grants no. R01 D.115523, R3-D.111323 and CSAT contract no. 2-0-0-0191. It is available electronically at www.chestnut.org li posters. The opinions are those of the authors do not reflect official positions of the government. Please address comments or questions to the author at mclemis a chestnut.org or 309-820-3805.

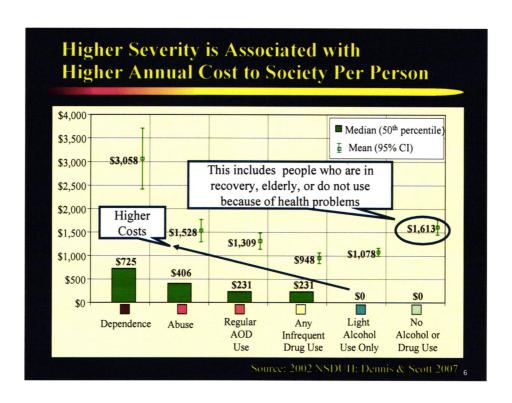
Goals of this Presentation are to

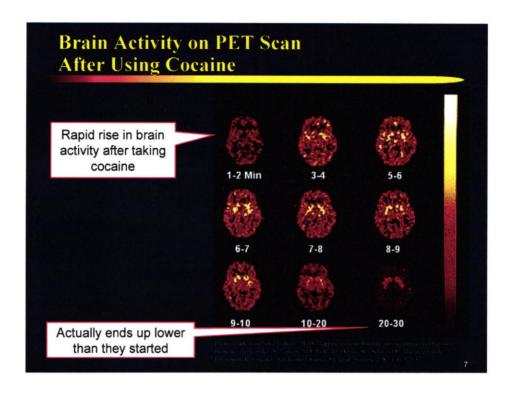
- 1. Illustrate the Chronic Nature of Addiction and the Correlates of Recovery
- Demonstrate the Feasibility of Managing Addiction <u>Across</u> Episodes of Treatment to Improve Long Term Outcomes
- 3. Identify the Common Gaps in the Existing Treatment System and What it Means to Move it Toward Evidenced Based Practice
- 4. Demonstrate the Usefulness of Practice Based Evidence to Inform Clinical Decision Making About Placement and Treatment Planning

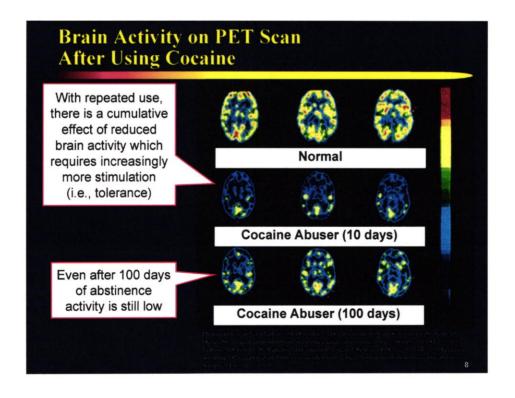


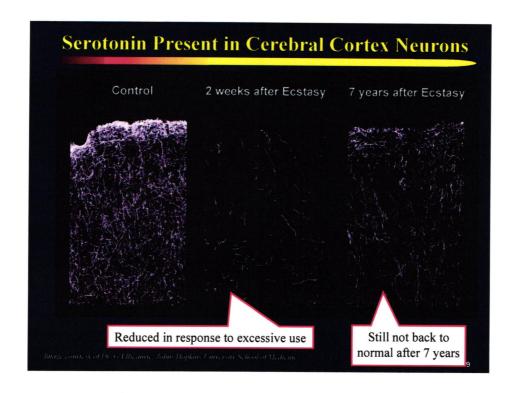


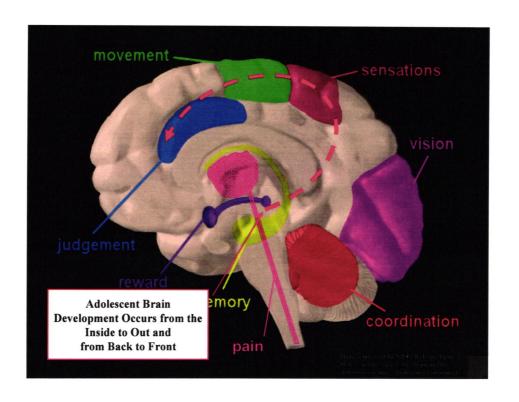






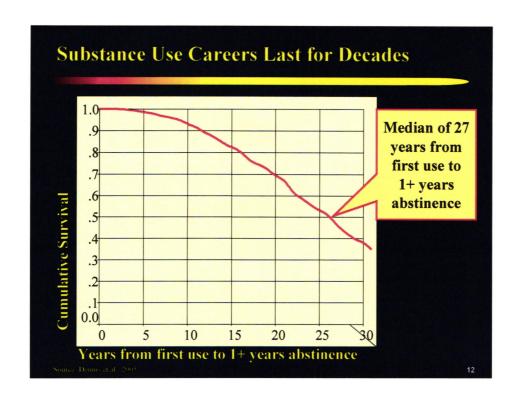


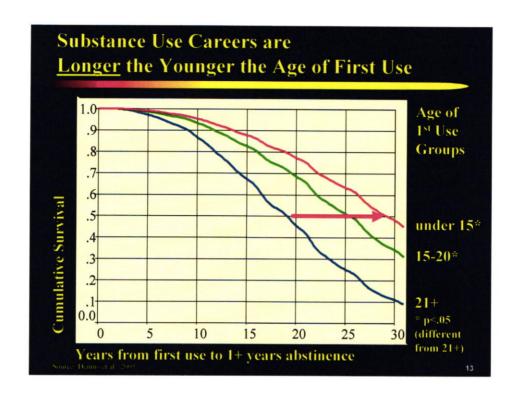


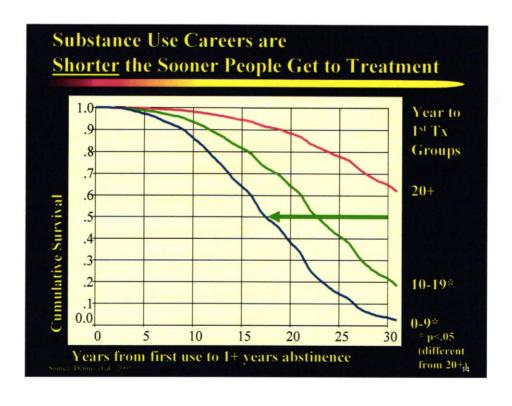


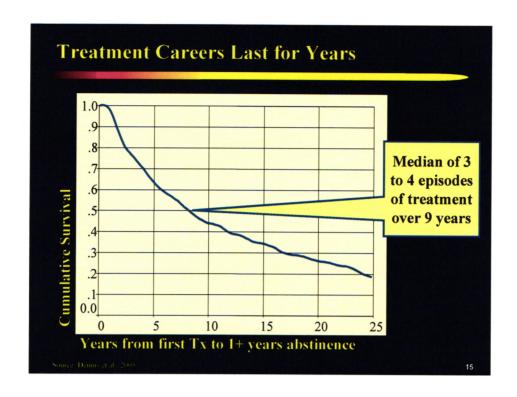
Overlap with Crime and Civil Issues

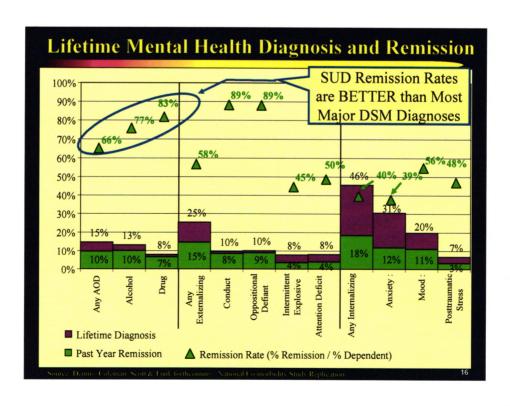
- Committing property crime, drug related crimes, gang related crimes, prostitution, and gambling to trade or get the money for alcohol or other drugs
- Committing more impulsive and/or violent acts while under the influence of alcohol and other drugs
- Crime levels peak between ages of 15-20 (periods or increased stimulation and low impulse control in the brain)
- Adolescent crime is still the main predictor of adult crime
- Parent substance use is intertwined with child maltreatment and neglect – which in turn is associated with more use, mental health problems and perpetration of violence on others

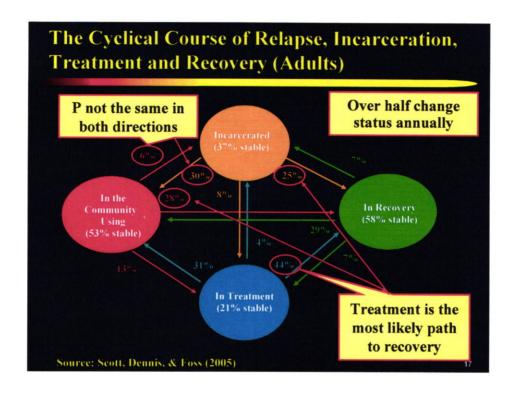


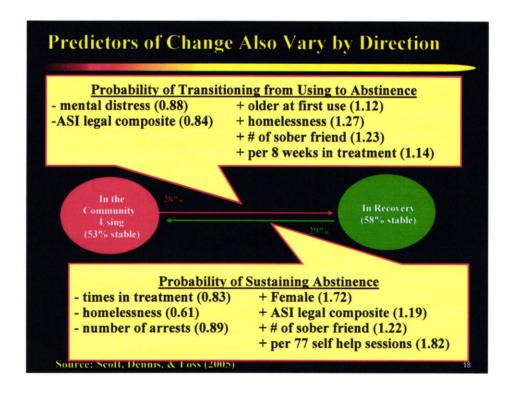


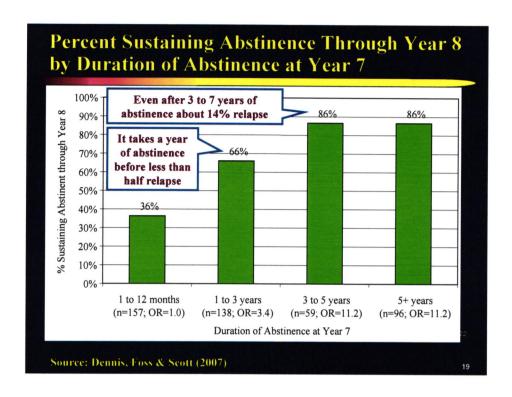


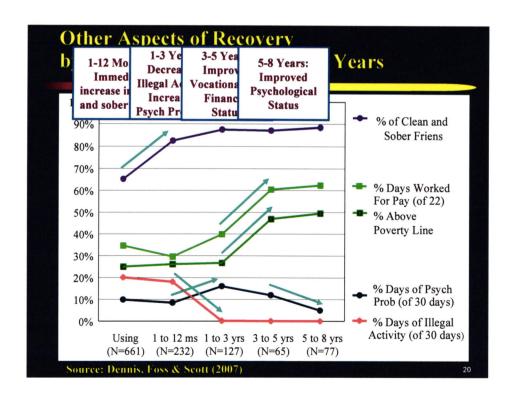


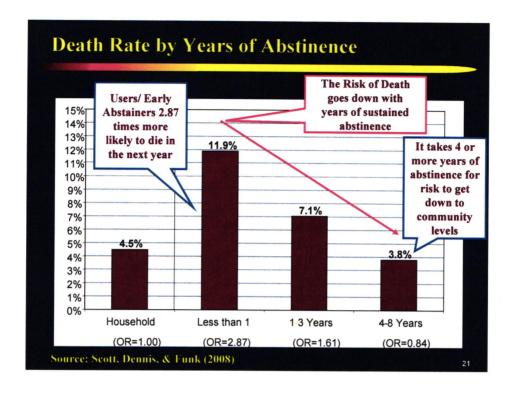








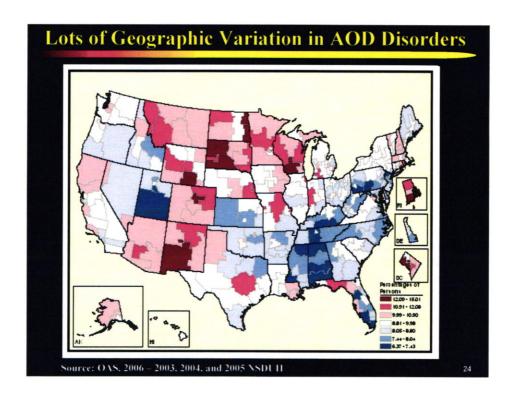


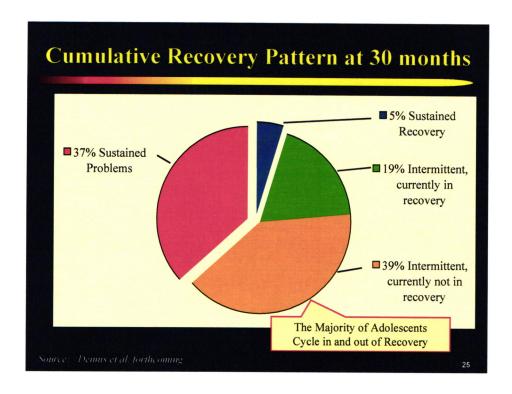


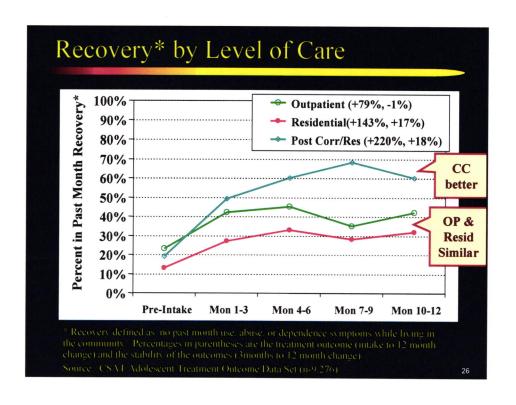
These studies provide converging evidence demonstrating that

- Addiction is a brain disorder with the highest risk being during the period of adolescent to young adult brain development
- Addiction is chronic in the sense that it often lasts for years, the risk of relapse is high, and multiple interventions are likely to be needed
- Yet over two thirds of the people with addiction do achieve recovery
- Treatment increases the likelihood of transitioning from use to recovery
- Self help, peers and recovery environment help predict who stays there
- Recovery is broader than just abstinence

Demonstrate the Feasibility of Managing Addiction Across Episodes of Treatment to Improve Long Term Outcomes





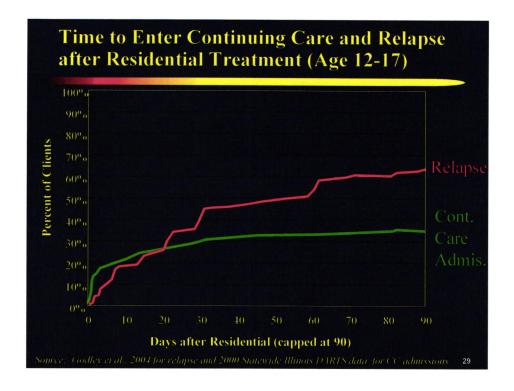


There Have Been Several Recent Reviews

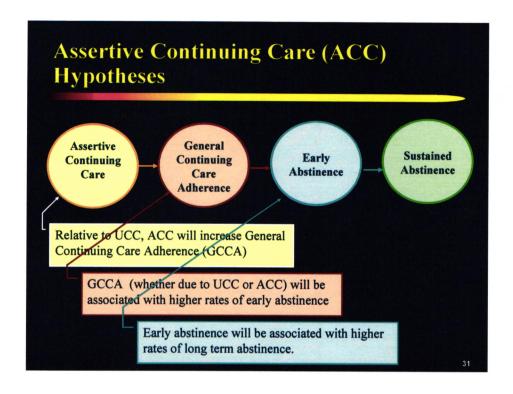
- Dennis & Scott (2007) review of evidenced related to understanding and managing addiction as a chronic condition
- Marlowe (2008) and Bhati et al (2008) meta analyses of Drug Treatment Court Effectiveness and Cost-Effectiveness
- Mckay's (in press) review of 22 experiments and quasi experiments managing addiction over time found improved outcomes in 38% of those focused on less than 3 months, 44% on those that focused on 3 to 12 months and 100% of those that focused on more than 12 months

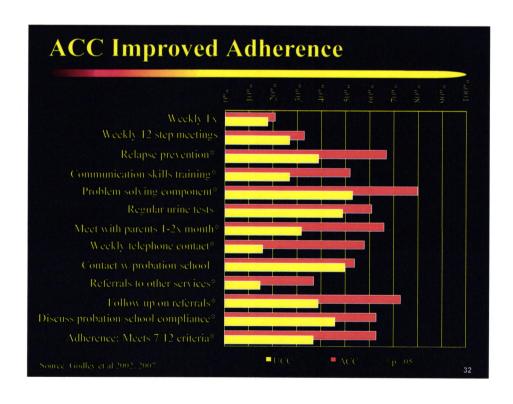
Experiments with Continuing Care

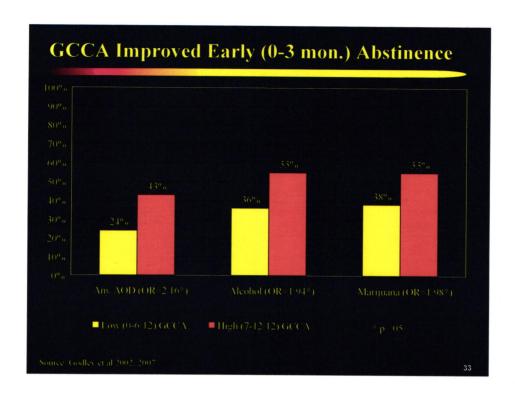
- Assertive Continuing Care 1 (ACC-2) experiment with 183 adolescents discharged from residential substance abuse treatment and followed for 9 months in 1997-2004
- Assertive Continuing Care 2 (ACC-2) experiment with 342 adolescents discharged from residential substance abuse treatment and followed for 12 months in 2005-2008
- Assertive Outpatient Continuing Care Study (AOCCS) experiment with 320 adolescents admitted to outpatient substance abuse treatment and followed for 12 months in 2003-2008

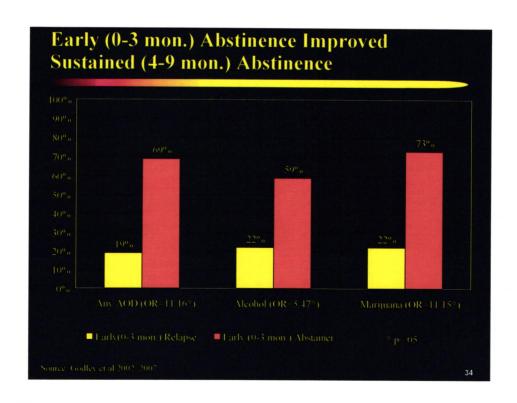


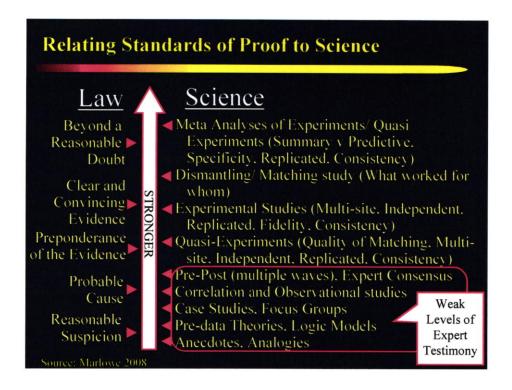
ACC Enhancements Continue to participate in UCC Home Visits Sessions for adolescent, parents, and together Sessions based on ACRA manual (Godley, Meyers et al., 2001) Case Management based on ACC manual (Godley et al, 2001) to assist with other issues (e.g., job finding, medication evaluation)

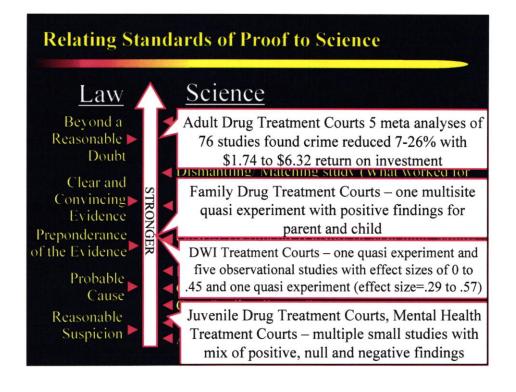












Potential Cost Savings of Expanding Diversion to Treatment Programs in Justice Settings

- Currently treating about 55,000 people in these courts at a cost of \$515 million with an average return on investment (ROI) of \$2.14 per dollar
- The ROI is higher (2.71) for those with more crime
- It is estimated that there are at least twice as many people in need of drug court as getting it
- Investing the \$1 billion to treat them would likely produce a ROI of \$2.17 billion to society

Source: Bhati et al (2008) To Treat or Not To Treat: Evidence on the Prospects of Expanding Treatment to Drug-Involved Offenders. Washington, DC: Urban Institute.

37

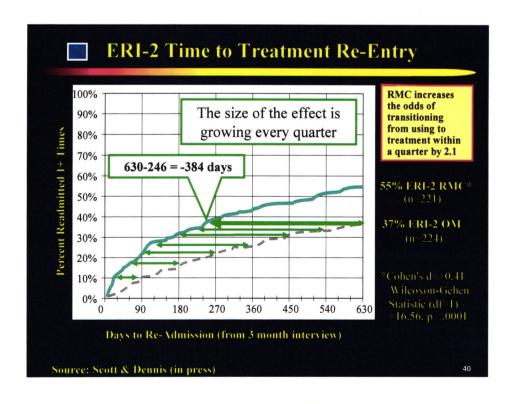
Experiments with Recovery Management Checkups to Manage Addiction Over Years

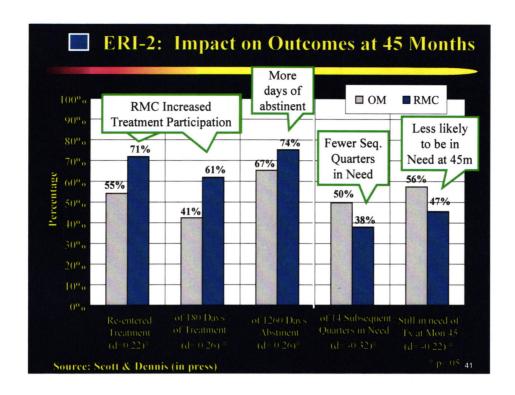
- Early Re-Intervention (ERI) Experiment 1 448 adults entering treatment followed for 2-years from 2000-2002
- Early Re-Intervention (ERI) Experiment 2 446 adults entering treatment followed for 5-years from 2004-2009
- Women Offenders 450 women coming out of Cook County jail and followed for 3-years from 2008-2013
- Early Re-Intervention for Adolescents (ERI-A)

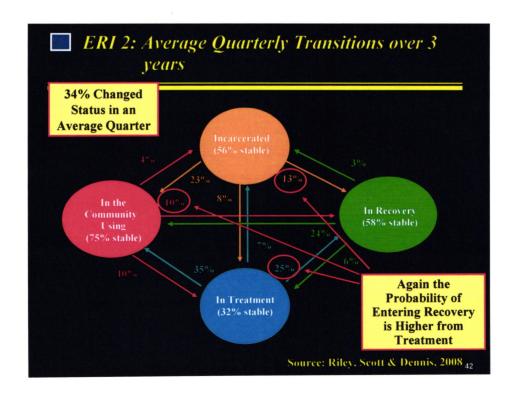
 feasibility studies currently being conducted with over longitudinal data on over 4.000 adolescents

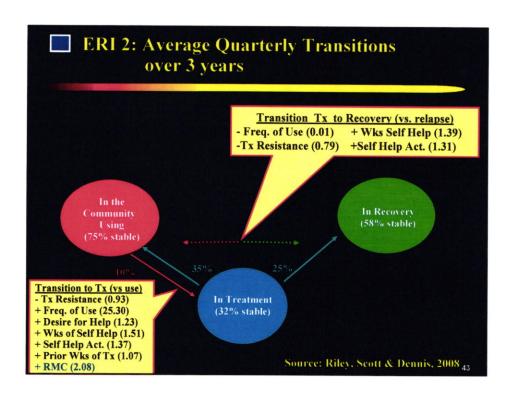
Recovery Management Checkup (RMC)

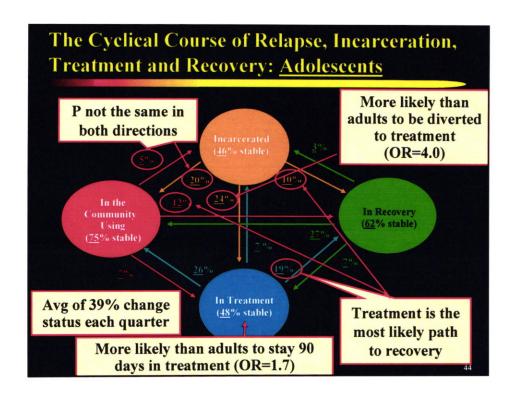
- Quarterly Screening to determining "Eligibility" and "Need"
- Linkage meeting/motivational interviewing to:
 provide personalized feedback to participants
 about their substance use and related problems,
 help the participant recognize the problem and
 consider returning to treatment,
 address existing barriers to treatment, and
 schedule an assessment.
- Linkage assistance reminder calls and rescheduling Transportation and being escorted as needed
- Treatment Engagement Specialist

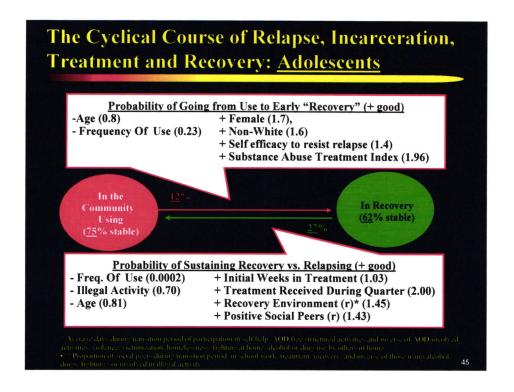


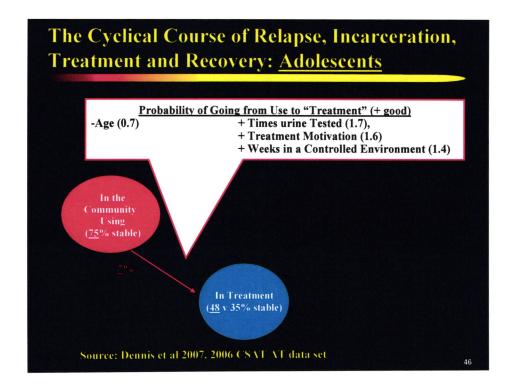


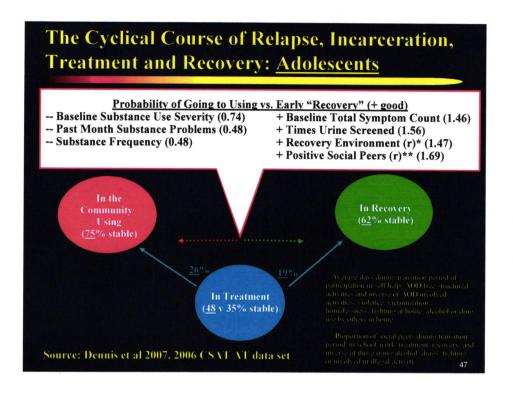


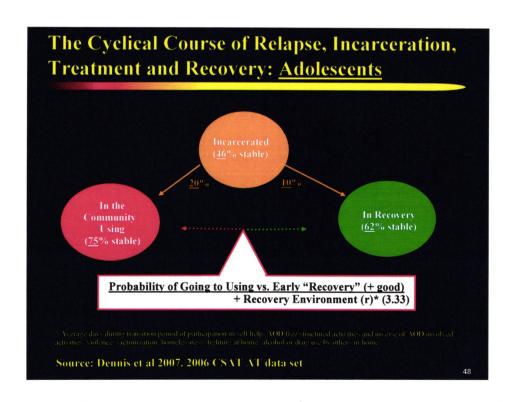








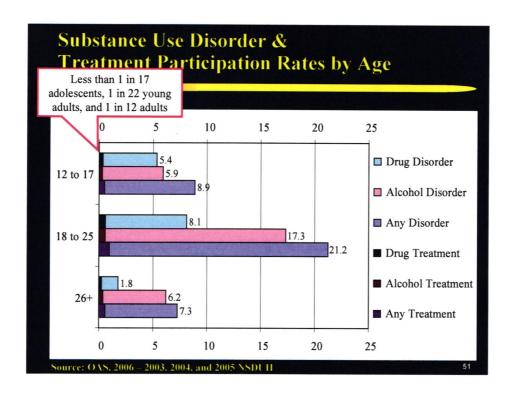


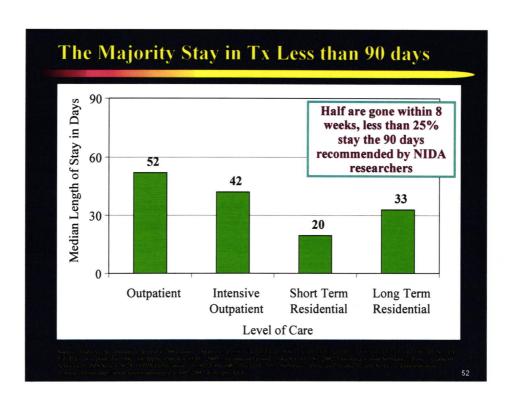


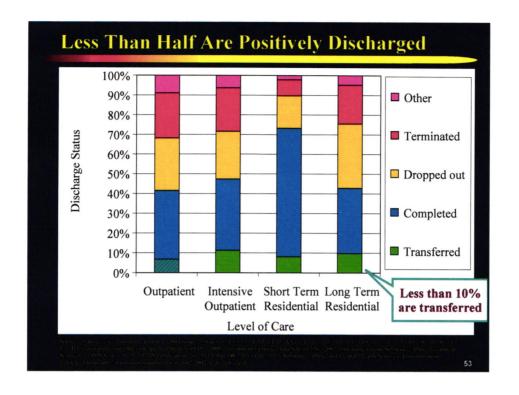
These studies provide converging evidence demonstrating that

- More assertive continuing care can increase adherence with continuing care expectations
- A growing range of drug treatment courts are being found effective and cost effective
- Recovery management checkups can identify people who have relapsed and get them back to treatment faster
- That doing each improves short and long term outcomes
- That it appears feasible to extend recovery management checkups to adolescents, but that there is a need to focus even more on recovery environment and peer groups

Identify the Common Gaps in the Existing Treatment System and What it Means to Move it Toward Evidenced Based Practice







Programs often LACK Standardized Assessment for...

- Substance use disorders (e.g., abuse, dependence, withdrawal), readiness for change, relapse potential and recovery environment
- Common mental health disorders (e.g., conduct, attention deficit-hyperactivity, depression, anxiety, trauma, self-mutilation and suicidality)
- Crime and violence (e.g., inter-personal violence, drug related crime, property crime, violent crime)
- HIV risk behaviors (needle use, sexual risk, victimization)
- Child maltreatment (physical, sexual, emotional)
- Recovery environment and peer risk