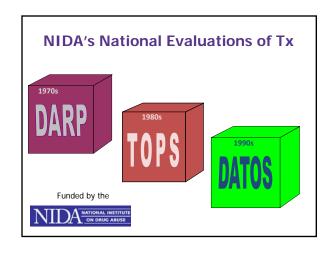
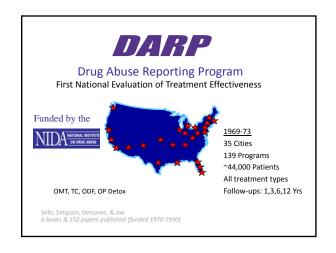




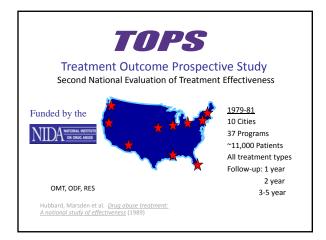
## 1. Treatment Outcomes NIDA's National Evaluations of Treatment 2. Treatment Process Treatment Process Model Node Link Mapping Manuals & Assessments 3. Practice to Research & Implementation Studies Several Current Institute Projects 4. NIH Common Measures PhenX—genetics & epidemiologic research Harmonization—NIDA

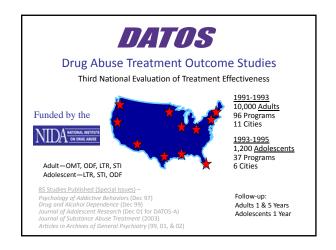


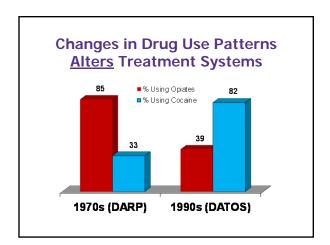


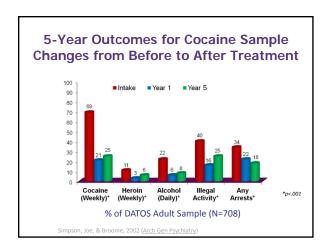


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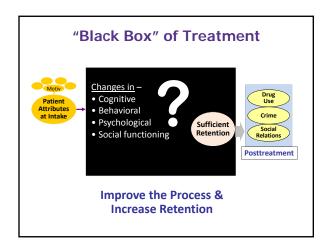


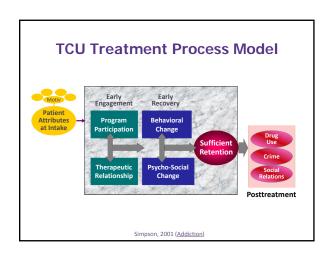


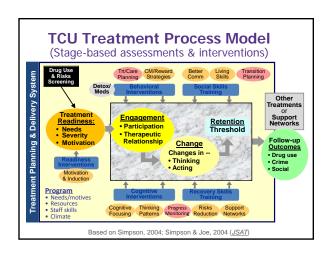


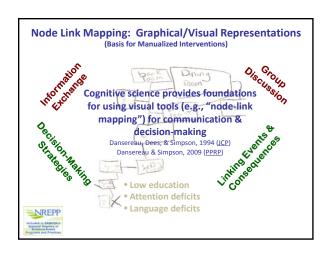
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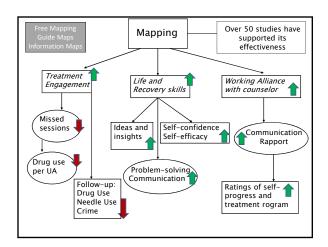


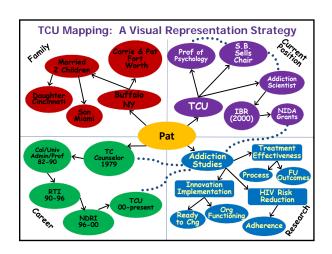




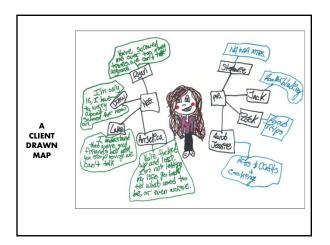








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### 3. Practice to Research & Implementation Studies

**Current Concepts** 

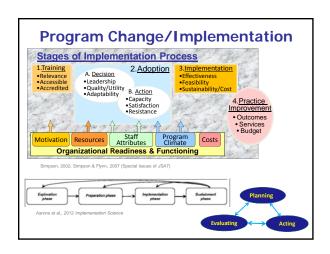
Research to Practice Technology Transfer
Science to Services Knowledge Utilization
Knowledge Application Diffusion of Innovations
Translational Research Bench to Bedside

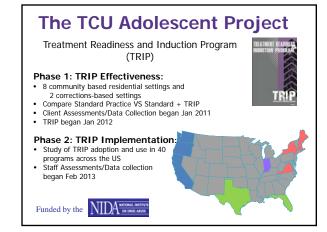
61 Models for Dissemination and Implementation

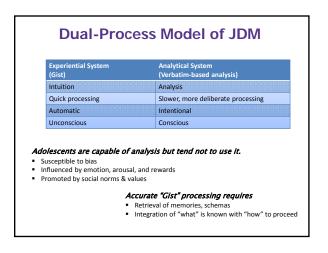
61 Models for Dissemination and Implementation Research were reviewed by Tabak et al.

Tabak, R.G., Khoong, E.C., Chambers, D., & Brownson, R.C. (2012). Bridging research and practice: Models for dissemination and implementation research.

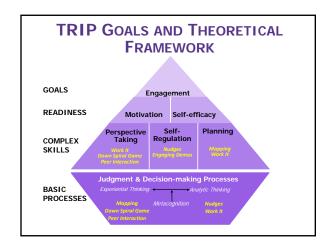
Am J Prev Med. 43(3), 337-350.

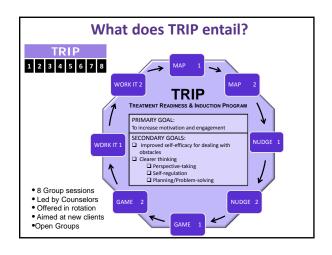


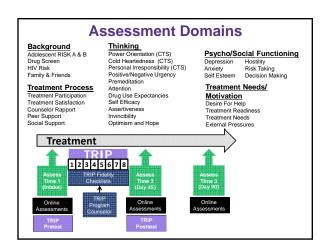


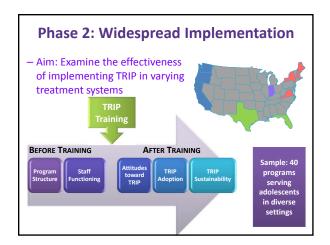


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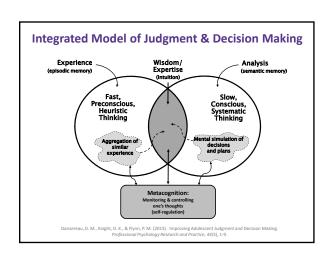




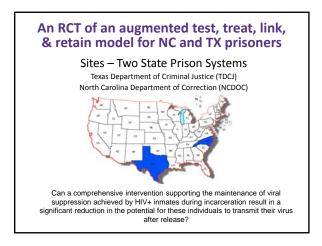




## Findings Phase 1: Effectiveness Improved decision making compared to SOP Improved problem recognition Phase 2: Implementation (preliminary) TRIP is acceptable and easy to use/implement 95% intend to use TRIP in their programs Intention to adopt is correlated with favorable impressions of TRIP Females and outpatient staff report higher acceptability and support for adoption







# Accessing HIV Meds After Prison Release Review of ADAP Rx records in Texas 2004-2007 N = 2115 receiving ART at release - 83% male - 60% African-American - 18% with mental health d/o - 53% incarcerated >1 year - 95% released to metro areas Factors associated with filling RX: parole, received prerelease assistance with ADAP application

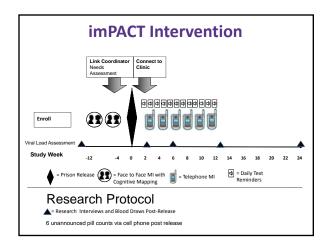
### **Study Aims**

- Aim 1: Adapt and integrate our existing interventions to create imPACT to support the test and treat strategy objective: sustained HIV suppression after release.
- Aim 2: Compare the effect of standard practice with the imPACT intervention on viral load 24 weeks following prison release.

400 HIV+ inmates with HIV RNA levels <400 copies/mL on ART and who are 3 months prior to prison release in NC and TX randomized to either:

 a) standard practice, where following HIV testing, infected inmates receive ART during incarceration with referral to community-based care and services by prison staff prior to release, or

b) imPACT



### **Next Steps**

- Last study visit by Q1 2015
- · Primary and a secondary analyses to follow including:
  - HIV suppression
  - Adherence to community HIV care and ART
  - Risk behavior
  - Modeling of transmission potential
  - ART resistance
- · Qualitative studies of:
  - Participants who do and do not maintain suppressed VL
  - Participants who do and do not link into care

### Juvenile Justice - Translational Research on Interventions for Adolescents in the Legal System (JJ-TRIALS) Cooperative Agreement

PI: Danica Knight, Ph.D. Co-PI: Patrick Flynn, Ph.D.

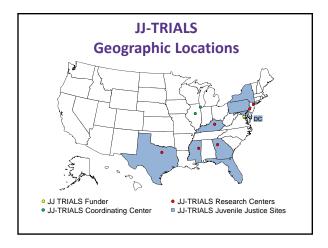


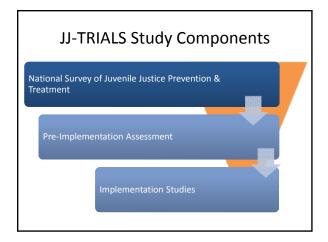




### **JJ-TRIALS**

- 5-year Cooperative Agreement
  - 6 Research Centers, 1 Coordinating Center
  - Began July 2013
- Overarching philosophy: Every adolescent in the juvenile justice system could benefit from evidence-based prevention and/or treatment interventions that target substance use and HIV risk behaviors.





## Sustainable Disease Risk Reduction Strategies for CJ Systems (DRR 1 & 2)

PI: Wayne Lehman, PhD

First 5 years developed and tested interventions that...

- √ focused on high-risk re-entry transition time
- increased positive decision-making skills among offenders for healthy living and for reducing disease risk behaviors, particularly those involving HIV and Hepatitis B & C

DRR 1 Included prison-based group curriculum (completed)

DRR 2 community corrections self-administered computerized tools (under development)

Funded by the



## DRR 2: StaySafe for Community Corrections

StaySafe goal is to develop a sustainable, evidence-based intervention to help probationers make better decisions regarding health risk behaviors and one that:

- can be administered by probation departments with minimal staff training and time during first 6 months of probation;
- Includes 12, 15-20 minute engaging sessions easy to use by probationers;
- √ requires minimal maintenance; and
- √ is free to probation departments (other than the cost of the touch screen computers).









### Seek, Test, Treat & Retain DATA Harmonization

- Addressing HIV in the Criminal Justice System
   12 funded R01 applications that empirically test the "seek, test, treat, and retain" paradigm with drug abusers in criminal justice
- Addressing HIV among Vulnerable Populations
   10 funded R01 applications that empirically test the "seek, test, treat, and retain" paradigm among high-risk, drug abusing, vulnerable populations in domestic and international settings.

### WHY HARMONIZE?

- Increase cross-study comparability, collaboration, scientific yield
  - Multi-site pooling for integrative data analyses
  - Cross-site replication/comparisons
  - Meta analyses
  - · Secondary data analyses
- Maximizes gain while minimizing cost, risk, and time to payoff (leveraging)
- Promotes construct quantification through integrative data analysis

Curran & Hussong, 2009, Psychological Methods

populations.

### What is Harmonization?

- Having commensurate measurement across independent studies
  - ✓ Constructs have the same theoretical meaning
  - ✓ Measures reflect the same construct
  - ✓ Variables are scored with identical values
  - ✓ Values must be scaled commensurately, and function equivalently

Curran et al., 2008, Developmental Psychology

