

C4T

**Center for Training
University of Washington**

**a Project of
Center for Commercialization (C4C)**

The Problem

- Research is not adequately or effectively disseminated into real-world settings
 - Too little time or too few resources
 - Moved on to next grant to keep “machine” going

The Problem

- Most research results only in the publication of journal articles
 - Research outcomes often have little or no programmatic impact

The Problem

- Translation into practical applications is not a researcher's core competency
 - Skill set is more research-related
 - Less experienced in training and adult learning

The Problem

- Government funders are requiring dissemination efforts to be part of the research process
 - Research outcomes need to be shared with the public that can use them
 - Providers are under pressure to use “evidence-based programs” – but without the knowledge

The Solution

- Center for Training (C4T) is uniquely able to address this disconnect between research and the real-world
- We are the “megaphone” or vehicle for researchers to disseminate their interventions
- We provide the knowledge and assistance that researchers need and fulfill the requirements from funders
- We meet the hands-on needs of practitioners

The Mission

C4T transforms research into effective, ready-to-use, practical skills and programs.

Who is C4T?

- Trainers working with content developer experts (researchers)
- C4T disseminates information and trains providers on evidence-based, effective programs
- In-person and online training options
- Skills-based and program-based trainings
- Adult learning methods emphasis

Who benefits from C4T?

- Researchers
 - Translating their research programs into effective real-world interventions
- Providers
 - Teaching evidence-based programs to clinicians
 - Assisting administrators with implementation
 - Available to remote locations or resource-limited agencies
- Public
 - Enhancing quality care in the community

What does C4T do?

- In-Person Trainings
 - Skills-based and program-based
 - Interactive, multi-model teaching methods
 - Trainers with first-hand experience
 - Offered in Seattle
 - Offered at agency's location as contracted service

What does C4T do?

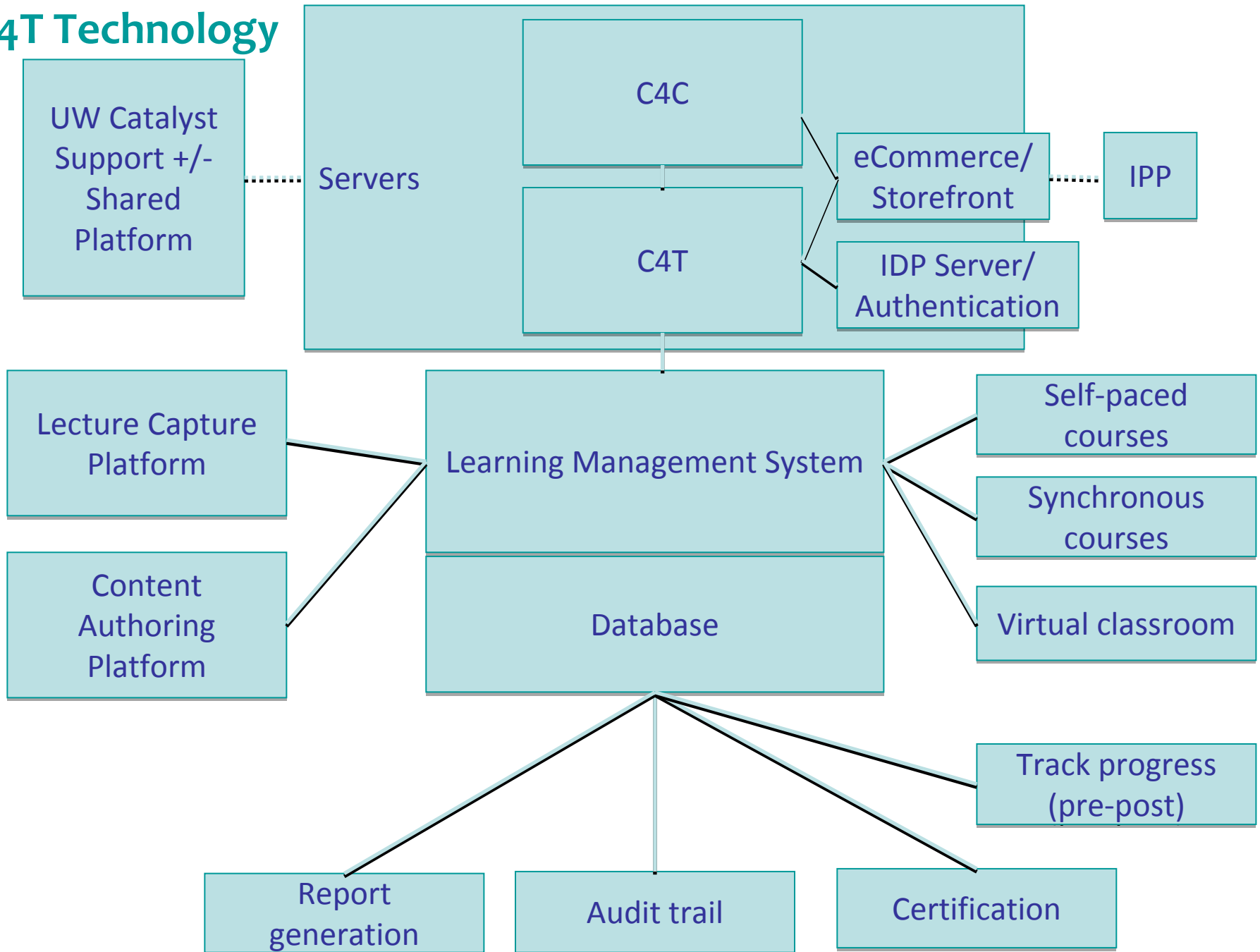
- Online Trainings

- Self-paced and synchronous training modules
- Pre/post testing, intervention fidelity monitoring, and customization
- Option for feedback, organizational reports, and timely booster trainings

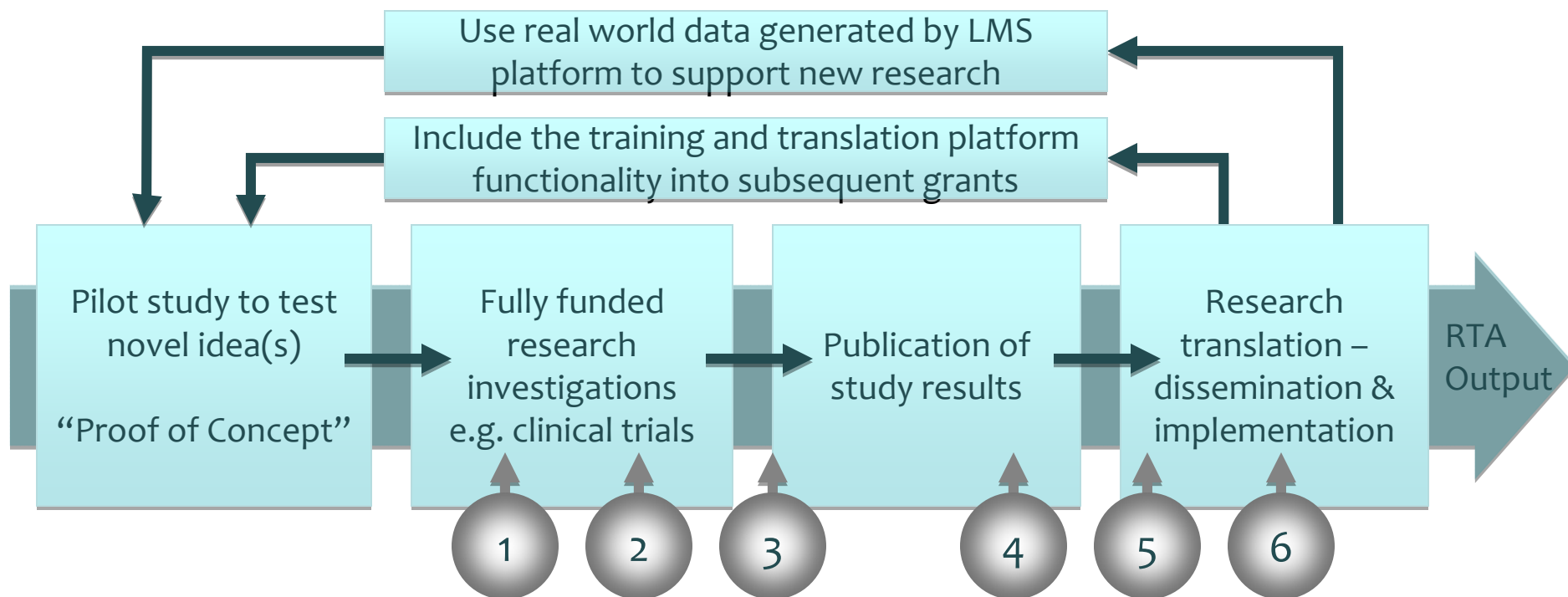
How does C4T do it?

- Structured, proven process of intervention translation
- Flexibility to meet needs of specific programs
- Learning Management System platform for online training options
- Online data collection system
- Implementation assistance

C4T Technology



Current and proposed Research Translation Accelerator (RTA) products and entry points in customers' research cycle



- 1 HIV Adherence Study – Crane et al. – NIH study currently in the field
- 2 PEARLS: Epilepsy – Ciechanowski et al., Epilepsy & Behavior 2010
- 3 TEAMcare – Katon et al., New Eng J Med 2010 (proposed LSDF demonstration project)
- 4 PEARLS: Older Adults – Ciechanowski et al., J Am Med Assoc 2004
- 5 CALM – Roy-Byrne et al., J Am Med Assoc 2010
- 6 Spirometry 360 – Schermer et al., Ann Fam Med 2011; Latzke-Davis et al., Prim Care Respir J 2011 (proposed LSDF demonstration project)

Research Translation Accelerator: Features

- Integrates software-as-a-service (SaaS) learning management system (LMS) into an existing training and implementation support platform
- Goal of changing clinical practice
- “Clinic-ready” training products
- Use proven research program content
- Include researchers as training content experts
- Implementation assistance to front-line clinicians and administrators
- Option of secure patient-data entry portals on the provider/clinic site

Research Translation Accelerator: Benefits

- Provides tracking and performance feedback reports to organizations
- Maintains protocol fidelity (reduce “drift”)
- Customizes services with in-person and online training options
- Facilitates participation from geographically dispersed areas
- Increases involvement by organizations with resource limitations
- Creates new research opportunities through analysis of LMS-generated real-world data