



Jessica De Leon, PhD
Evaluation Core Lead
FSU College of Medicine

FOCUS AREAS

- ◆ Translational science impacts
- ◆ Clinical and translational research outcomes
- ◆ Process improvement

APPROACH

- ◆ **Realist evaluation:** assess mechanisms that lead to observed outcomes by explaining why, for whom and in what circumstances an intervention works.
- ◆ **Continuous quality improvement:** innovating and adapting to emergent and dynamic realities in complex environments



CTSA Cores and KL2 Scholars Program Proposed Evaluation Metrics



Biostatistics, Informatics & Research Design

- ◆ Service provision: #, type and affiliations of clients served, # and type of services provided
- ◆ Training: # provided, focus/topic, # of attendees, attendee evaluation - e.g., satisfaction, usefulness
- ◆ Design and dissemination of innovative tools and methods
- ◆ Resource utilization: # and type of CTSA tools and resources used
- ◆ Scholarly outcomes: # of projects supported, # of conference presentations, # of publications, # of grants supported

Dissemination & Implementation Science Core (DISC)

- ◆ # of virtual clinics
- ◆ Study consultations
- ◆ # of grant proposals that include dissemination or implementation science
- ◆ Training via seminars, workshops, etc.

Community & Stakeholder Engagement

- ◆ Trust in research
- ◆ % of eligible individuals linked to health/social services and # and type of health/social services used
- ◆ # of individuals enrolled in the FSU Health Research Community Portal
- ◆ # of individuals recruited from Florida Medical Practice Plan (FMPP) clinics
- ◆ Social media metrics (newsletter, LinkedIn, Instagram, Facebook)
- ◆ # of academic-community research collaborations made
- ◆ Training, activities and events: # provided, focus/topic, # of attendees, attendee evaluation, e.g., satisfaction, usefulness
- ◆ Scholarly outcomes: # of projects supported, # of conference presentations, # of publications, # of grants supported
- ◆ Quality: % of planned activities delivered as scheduled and process improvement (% of identified quality improvement actions implemented).

The **Research Engagement Survey Tool (REST)** will be used to assess level of partner participation in five categories: (1) outreach and education, (2) consultation, (3) cooperation, (4) collaboration, or (5) partnership.

K2R Career Development Program

- ◆ # of programs with registration, inc. All About Funding, Project Management, Design Workshops, etc.
- ◆ Program evaluation data (satisfaction, quality of content, etc.)
- ◆ # of K12 & CTSA scholar applications with award outcomes
- ◆ # of 1-on-1 consultations about K awards
- ◆ K12 & CTSA scholar experience evaluation
- ◆ K Advisory Committee participation
- ◆ Translational Science Academy lectures by FSU faculty
- ◆ # of extramural career development applications submitted and funding outcomes

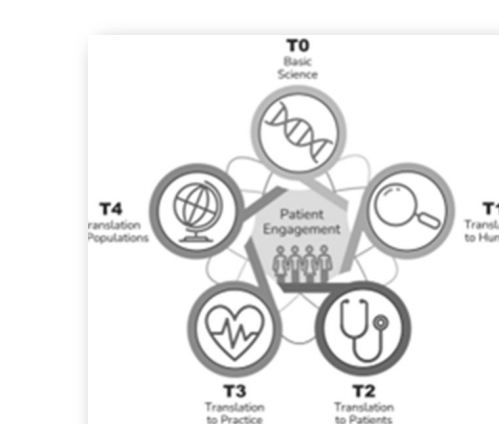
Translational Workforce Development (TWD)

The TWD portfolio programs include Team Science, Research Mentoring, and mHealth

- ◆ # of programs offered under each sub-specialty
- ◆ # of attendees and attendees' affiliations
- ◆ Evaluation data on programs (satisfaction, content quality, etc.)
- ◆ # of grant proposals that include team science, research mentoring (e.g., T32, career development awards, R25, etc.), mHealth or digital health
- ◆ Scholarly outcomes: peer-reviewed publications and conference presentations by TWD members on team science, research mentoring, mHealth, digital health or translational science

Supporting FSU Health Research Connections

- ◆ Service provision: #, type and affiliations of clients served, # and type of services provided, complexity of requests; timeliness of service delivery; "successful" deliveries; impact
- ◆ Training: # provided, focus/topic, # of attendees, attendee evaluation - e.g., satisfaction, usefulness
- ◆ Design and dissemination of innovative tools and methods
- ◆ Resource utilization: # and type of CTSA tools and resources used
- ◆ Scholarly outcomes: # of projects supported, # of conference presentations, # of publications, # of grants supported



CTSA Clinical & Translational[®] Science Awards

The **UF-FSU CTSA** is supported by the NIH National Center for Advancing Translational Science under Grant Award No. 1UM1TR005128-01A1.

The **KL2 Scholars Program** is supported by the NIH National Center for Advancing Translational Science under Grant Award No. 1K12TR005129.

IMPACT

Translational Science Benefits Model (TSBM)

A framework to demonstrate the impact of the UF-FSU CTSA in four key domains:



CLINICAL & MEDICAL

Procedures & Guidelines
Diagnostic procedures
Investigative procedures
Guidelines
Therapeutic procedures
Tools & Products
Biological factors & products
Biomedical technology
Drugs
Equipment & supplies
Software technologies



COMMUNITY & PUBLIC HEALTH

Health Activities & Products
Community health services
Consumer software
Health education resources
Health Care Characteristics
Health care accessibility
Health care delivery
Health care quality
Health Promotion
Disease prevention & reduction
Life expectancy & quality of life
Public health practices



ECONOMIC

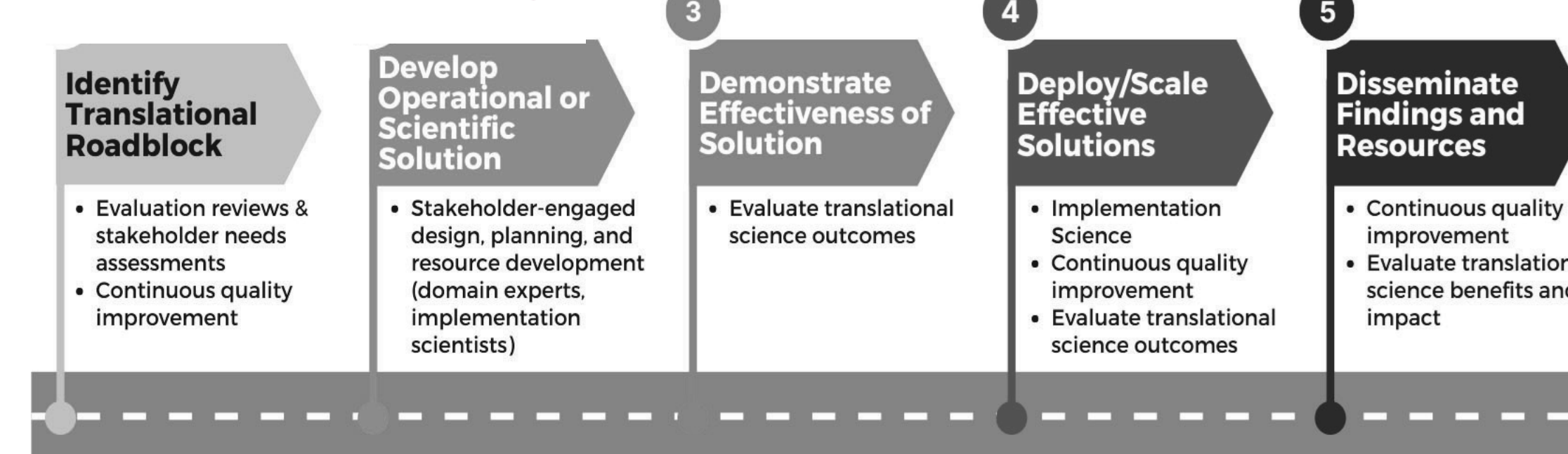
Commercial Products
License agreements
Non-profit or commercial entities
Patents
Financial Savings & Benefits
Cost effectiveness
Cost savings
Societal & financial cost of illness



POLICY & LEGISLATIVE

Advisory Activities
Committee participation
Expert testimony
Scientific research reports
Policies & Legislation
Legislation
Policies
Standards

Overcoming Translational Roadblocks



OUTCOMES

- Efficiency
- Quality
- Effectiveness
- Generalizability
- Scalability
- Sustainability
- Skills and Competencies



RESEARCH

The CTSA will conduct two clinical and translational science pilot studies:
Healthcare Provider Group Model Building for a PBRN Research Framework & Comparative Effectiveness of Low vs. High Touch Research Recruitment Methods

Evaluation metrics include:

- ◆ Recruitment outcomes (# of patients enrolled in FSU Health Research Community Portal, # enrolled in pilot studies)
- ◆ Use of CTSA tools, services and resources
- ◆ Subsequent external funding
- ◆ Subsequent research and clinical collaborations
- ◆ Scholarly outcomes (# of conference presentations, # of publications)
- ◆ Adoption of findings into clinical practice
- ◆ Research partner experience and satisfaction
- ◆ Workforce development

