

Intervention

Mechanism

Mediators

Outcomes

M-FIPP
APP

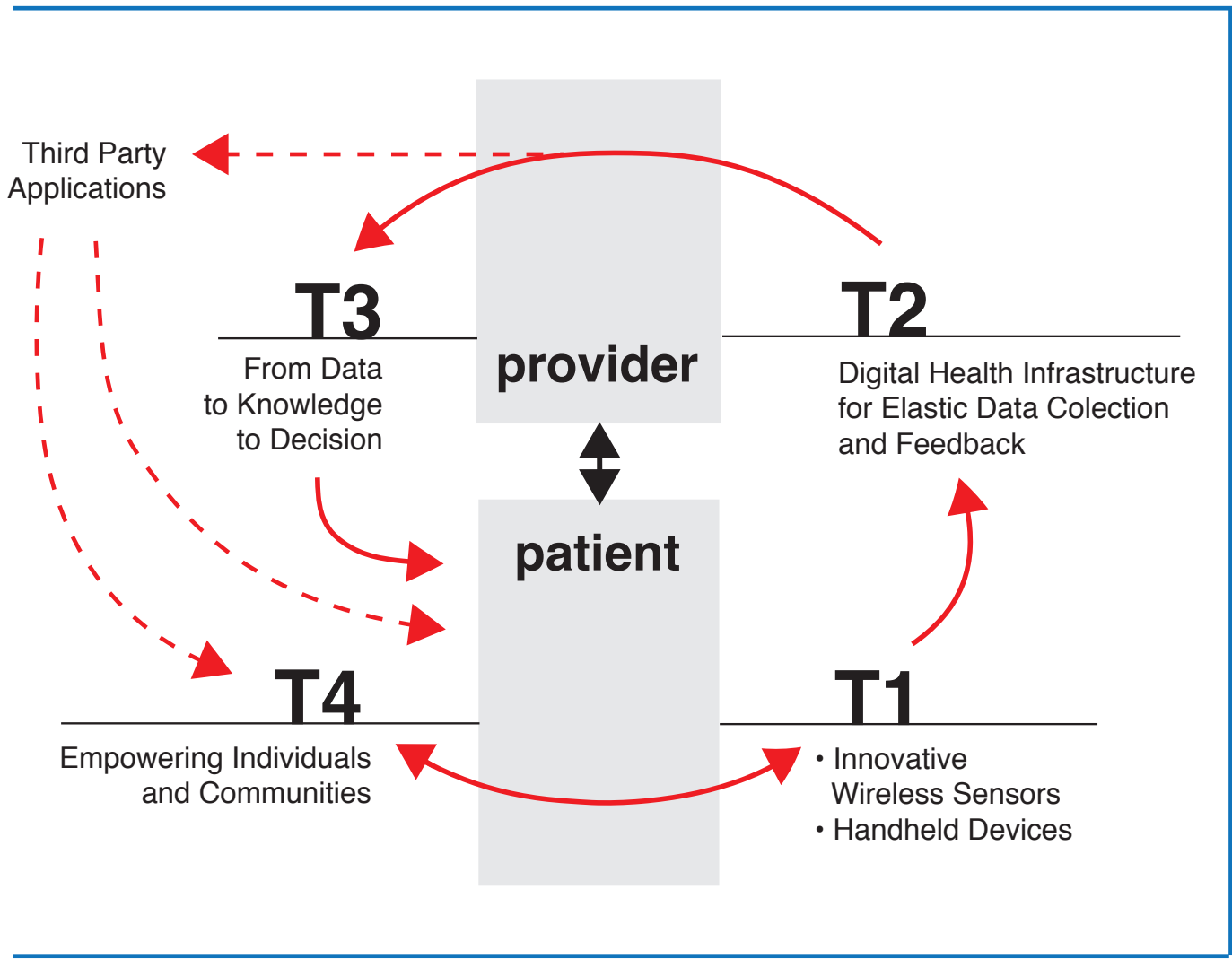
▶ Decrease **Stigma**

▶ **Recognize**
• Signs of PD

▶ **Maternal Help-seeking Behavior**
• Social Support
• Professional Help

▶ **Depression**

▶ **Anxiety**



C1

Visualization and Communication

C2

Tools for Intervention

C3

Statistics and Modeling

C4

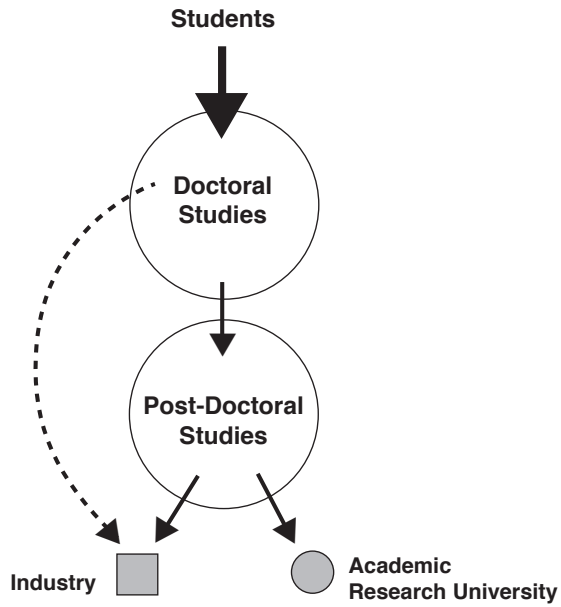
Training Program

C5

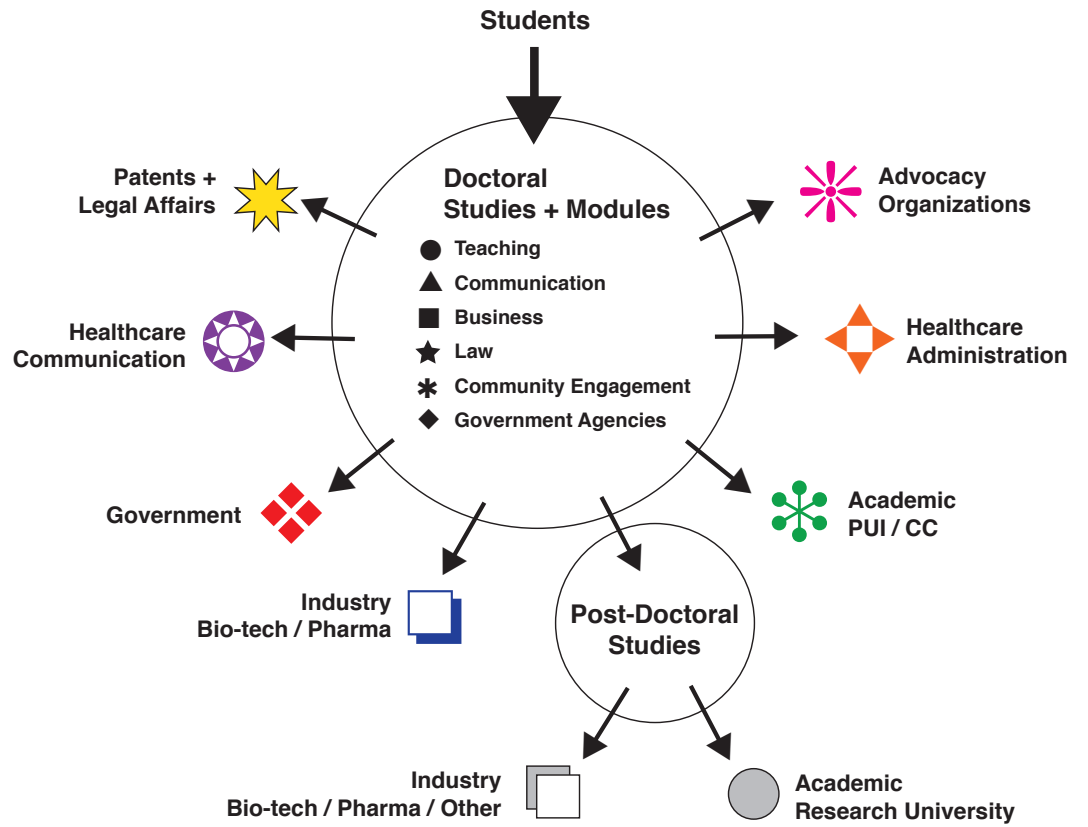
Clinical Translations

C6

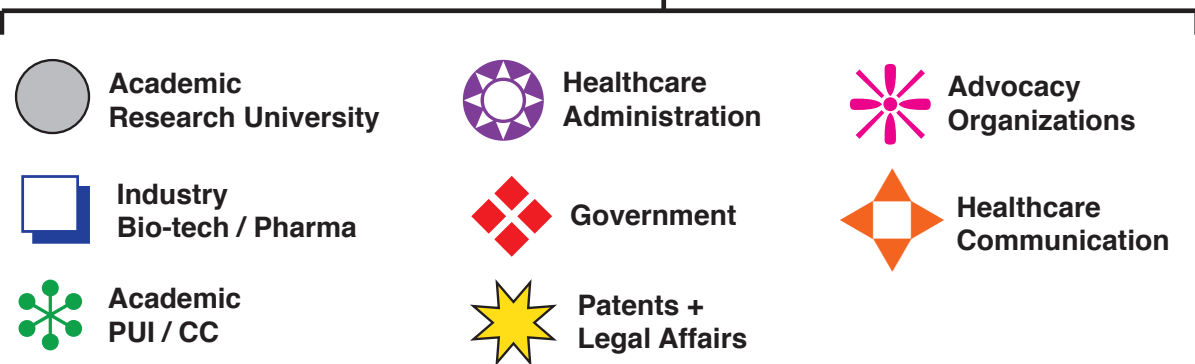
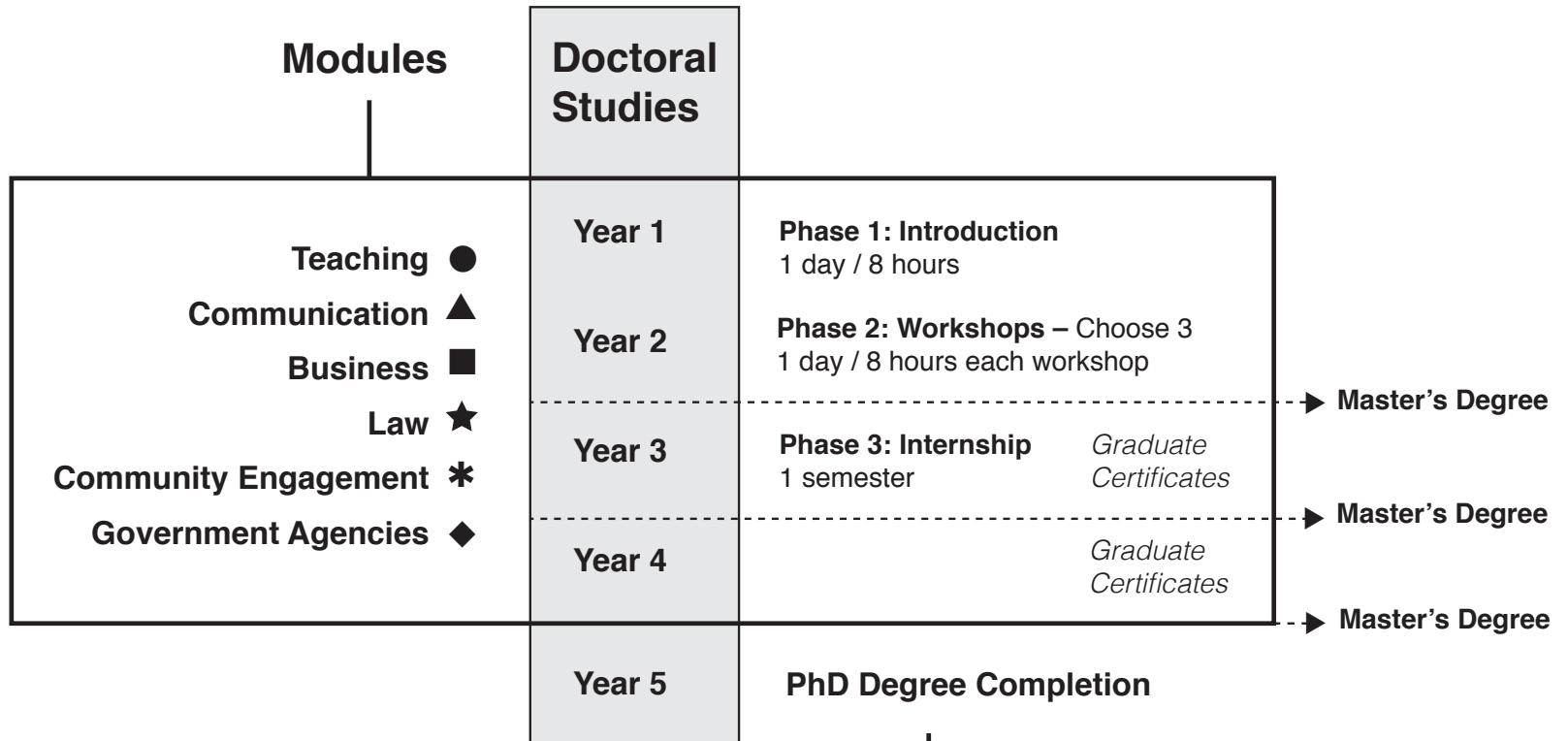
Commercialization and Partnership

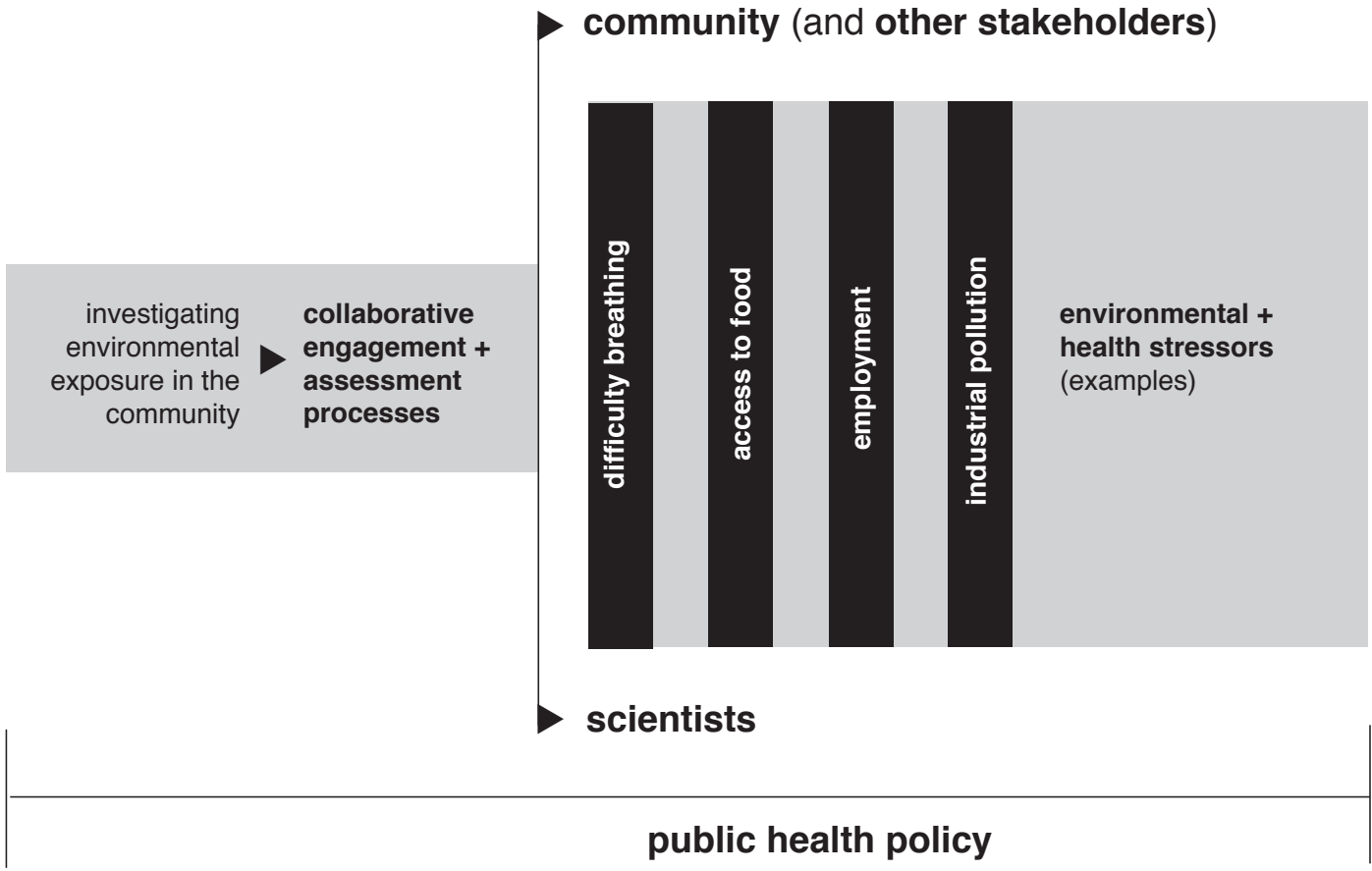


Current model



Proposed model





community (and other stakeholders)

investigating environmental exposure in the community → collaborative engagement + assessment processes

difficulty breathing

access to food

employment

industrial pollution

environmental + health stressors (examples)

scientists

public health policy

concerns
group/individual dynamics

community | *what people experience*

respiratory illness / asthma | air quality | plants + animals | economic effect | communication / reporting

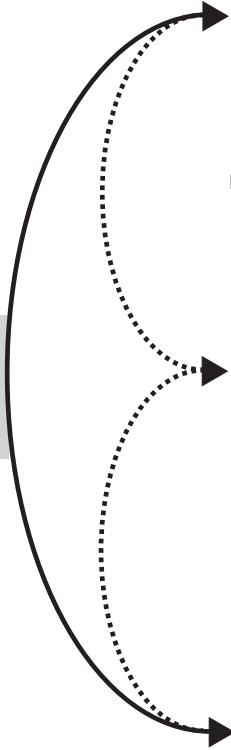
other stakeholders (*business, government, university*)

testing air | testing health
content collection analysis | content collection analysis

scientists | *scientific research*

basic research (identify stressor)
epidemiological research (environmental distribution)

discuss findings
devise plan
implement plan



PET COKE

**Community
Experience**

**Environmental /
Health
Expertise**

ENGAGEMENT

ASSESSMENT

ACTION

PARTICIPATION

**Petcoke Signature
Environmental Distribution**

**Mechanistic Research
Biomarker Discovery
Epidemiological Research**

**Assess Community Interaction
Implementation Plan
Assess Research Interaction**

