

## CAP Center Core Principle 2: Program and Implementation

### CAP Center Core Principles

The CAP Center is built on four core principles necessary for the design, implementation, monitoring, and evaluation of interventions that have optimal impact and are sustainable.



- *Programs & Implementation* - Programs should be thoughtfully designed to be implemented within existing workflows with minimal burden. Tools and supporting materials for participants should be available in print and online format for ease of use.
- A detailed project rollout plan should be in place to ensure maximum impact in your target audience. Considerations include marketing, recruitment, and incentives for participants where warranted.
- Develop materials that will allow for easier implementation of your program. Checklists, flow diagrams, and templates are all types of materials that can improve implementation. Concise materials with graphics have the greatest impact.
- Consider using a logic model to design and implement your program. A logic model is “a graphic depiction (road map) that presents the shared relationships among the resources, activities, outputs, outcomes, and impact for your program. It depicts the relationship between your program’s activities and its intended effects.”
- It is imperative that data collection methodologies are built into the program. Pharmacy does not yet have a solid and sustainable infrastructure for capturing interventions. Consider a way to capture interventions longitudinally so you are able to gauge program success.
- Plan for various phases of your program and implementation phases with a reasonable timeline.
  - Consider piloting your intervention prior to a larger rollout.
  - Share results with participants frequently to continually encourage engagement and participation.
  - Remember that there will likely be various levels of adoption/engagement. Start by targeting those who are motivated to implement your program (early adopters). Then, transition into reaching out to others (late adopters) with outcomes from those who have been successful.

### FAQ

How will the CAP center assist me in implementing my research into a workflow?

*The CAP Center encourages interventions that are minimally invasive in workflow and in the patient-provider interaction. The CAP Center will work with you to identify your target participants and provide guidance for successful implementation (i.e. integration into EHR, standard workflow considerations in various practice settings, technology integration, etc.)*

How can the CAP center help me develop my research model/design?

*The CAP Center will provide orientation to the basics of research design. If you need more support, it will be preferred to write the CAP Center individual into your grant as one of the investigators in order for them to provide more extensive and long-term support.*

Can the CAP center assist me in how to find participants who would be willing to work on my study?

*The CAP Center is highly integrated into the professions of public health and pharmacy in North Dakota and beyond. With various collaborations and also targeted marketing/recruitment ideas, the CAP Center can guide you in this process.*

*Also consider P4 pharmacy APPE students. With a little training, these students can serve a very unique role in implementing programs.*

**Resources:**

- Implementation of a statewide program <https://pubmed.ncbi.nlm.nih.gov/31677933/>
- Logic Models in Program Evaluation, CDC <https://www.cdc.gov/eval/logicmodels/index.htm>
- Program evaluation of the Opioid and Naloxone Education (ONE Rx) program using the RE-AIM model  
<https://www.sciencedirect.com/science/article/pii/S1551741119306898?via%3Dihub>