Improving the Health of South Dakotans through the Prevention and Management of Diabetes, Heart Disease, and Stroke

Principal Investigator (PI): Sharrel Pinto, BSPharm, DMM, MS, PhD1

Co-Investigators (**Co-Is**): Alex Middendorf, PharmD, MBA; Aaron Hunt, PhD, MPH; Yen-Ming Huang, BSPharm, MS, PhD; Deidra Van Gilder, PharmD; & Erin Miller, PharmD, MBA;

Coordinator: Michaela Seiber, MPH1

Project Team: Mya Baker; Samantha Boeck; Hannah Brokmeier; Brent Calkin; Amanda Dickinson; Sarah Ginsbach; Ellen Hulterstrum; Molly Kabella; Christopher Kotschevar; Zachary Muller; Alexis Nyberg; Nancy Prempeh-Jackson; Bailey Schroeder; & Abigail Sireks





1SDSU College of Pharmacy and Allied Health Professions (COPAHP) Department of Allied and Population Health; 2 SDSU COPAHP Department of Pharmacy Practice; 3 PharmD Candidate 2020; 4MPH Student; 5PharmD Candidate 2021

At the beginning of Year Two, with the addition of a research coordinator (Ms. Michaela Seiber) and three new Co-Is (Drs. Hunt, Huang, and Van Gilder), the project team separated into three different groups to streamline processes and capitalize on the team's areas of expertise. Thus, the Patient Group, Practitioner Group, and Payer Group were formed, led by Drs. Huang, Middendorf, and Hunt, respectively (Figure 1). In the second half of Year Two, Dr. Erin Miller joined the team as an additional coinvestigator, splitting time between the three work groups. Students working on the project were also assigned to work groups based on their areas of interest and team needs. This model, while creating more complex processes, proved to be effective in managing projects and completing outcomes that were not otherwise possible in Year One. Additionally, the project team continued collaborations with departments within the SDSU College of Pharmacy and Allied Health Professions. This transdisciplinary approach included project team members from numerous departments which strengthened the team and subsequent project activities. The project PI, Dr. Sharrel Pinto, oversees the project team in regard to the project activities, tasks, and workflow (Figure 1).

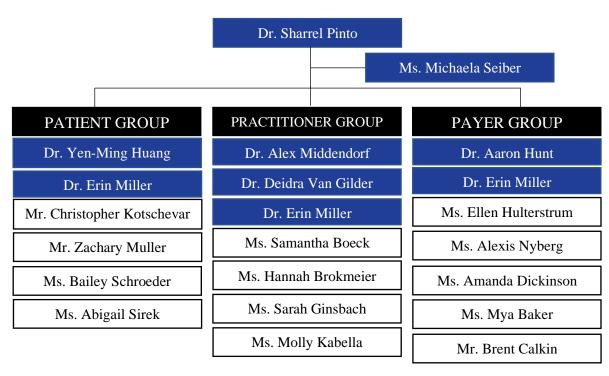


Figure 1. Project organizational chart for Year Two (blue boxes indicate SDSU staff; white boxes indicate students).

This report details Year Two of the five-year project by each project work group, which included the development and presentation of three webinars, six posters, and one PharmTalk, as well as hosting nine American Pharmacists Association (APhA) trainings. Overall, Year Two was focused on developing pharmacists service programs for patients with diabetes and cardiovascular disease (CVD), as well as expanding or completing some of the remaining Year One tasks as new information was discovered or new organizations became interested in participating. Year Two activities strengthened collaborations formed in Year One, while creating new connections and opportunities for this project to span the boundaries of SD. Year Two was also filled with innovative activities, from filming a commercial to training SD pharmacists, all of which were guided by the findings from the Year One landscape analysis.