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## **2018 Evidence to Implementation (E2I) Pilot Awards**

***Tai Chi Prime for Community-based Falls Prevention***, Betty Chewning, PhD, School of Pharmacy,

- **UW Program Partners:** Community Academic Aging Resource Network (CAARN)
- **Community Collaborators:** Aging & Disability Resource Centers (ADRC), Wisconsin Institute for Healthy Aging (WIHA)

**Summary:** One-third of older Wisconsin adults fall each year and the state's mortality rate from unintentional falls is twice that of the national average. While there is evidence that tai chi programs can improve balance, few have been adapted for older adults who have limited mobility and are at a high risk for falls. In addition, most programs adapted for older adults do not emphasize the need for daily home practice and many run longer than most senior centers' schedules permit, limiting adoption. Dr. Betty Chewning and her team developed *Tai Chi Prime (TCP)*, an abbreviated program that more easily fits into senior center schedules, is adaptable for those with mobility issues, and promotes social interaction and home practice habits. TCP has demonstrated results including significant improvements in mobility, leg strength, and confidence about stability during activities that require balance. The program benefits from a community collaborator in the Wisconsin Institute for Healthy Aging (WIHA), which will ultimately serve in a purveyor role for TCP, maintaining a registry of instructors; training new instructors, monitoring classes for quality and fidelity; and collecting data about program outcomes. Dr. Chewning and her team will conduct market research, develop business and marketing plans, and develop and beta-test a Master Trainer package, TCP course manual, and implementation guide in collaboration with the Launchpad team.

***The Institute for Surgical Coaching***, Caprice Greenberg, MD, MPH, Department of Surgery, WI Surgical Outcomes Research Program

- **UW Program Partners:** Department of Surgery, WI Surgical Outcomes Research Program (WiSOR)
- **Community Collaborator:** JCD Advisors

**Summary:** Most surgical errors occur in the operating room and are technical in nature. Evidence suggests that the most important strategy for reducing adverse outcomes of surgery may be to improve the proficiency of the operating surgeon. There is no consensus on how to improve surgeons' skills, but there is growing recognition of the importance of coaching to enhance skill development and optimize performance. Dr. Caprice Greenberg and her team developed the Wisconsin Surgical Coaching Program™ (WSCP), an innovative peer-to-peer coaching model, which adheres to evidence-based principles of adult learning, to improve surgeons' skills and performance with the goal of improved quality and safety of surgical care. The WSCP is more effective than other approaches to surgical practice improvement, because it takes a more comprehensive approach, addressing technical, cognitive, and interpersonal skills. The program also emphasizes the surgeon's empowerment to make changes to practice. The WSCP secured a long-term commitment of sustainability from the UW Department of Surgery, which will act in a purveyor role and help Dr. Greenberg and her team launch the *Institute for Surgical Coaching (ISC)*, which, ultimately, will support broad dissemination of the WSCP and create a national community of surgical coaches. During the award period, Dr. Greenberg and her team, in collaboration with the Launchpad team, will lay the groundwork for the ISC through market research; development of a marketing plan, promotional materials; program branding and trademark registration; events, including a "Surgical Coaching Summit"; and Continuing Medical Education (CME) accreditation for activities and initiatives sponsored by the ISC.

