1145-VC-2806   **Daniel Ozimek*** (`dozimek2@pacollege.edu`), PA , and **Rebecca Hartzler**
(`rebeccahartzler@austin.utexas.edu`). *High Quality Mathematical Preparation and
Quantitative Reasoning for Nurses: A New Partnership Between the Math and Nursing Education
Communities.* Preliminary report.

The Charles A. Dana Center at UT Austin and the MAA are excited to work in partnership with the nursing community to explore and implement best practices for the mathematics education of nurses. We are excited to catalyze the improvement of both nursing student success and quality practice. Effective quantitative reasoning skills are essential for safe nursing practice. A national initiative is needed to identify the key mathematical concepts and skills that nurses need to be successful, to guide reform in educational practices and assessment, and to create a set of student learning outcomes for associate and baccalaureate nurses. Our vision is that All students in nursing programs gain the mathematical knowledge, skills, and attitudes to promote and provide safe, high-quality health care. Our working team has spent the past year developing a task force of and learning from nursing faculty, leaders and practitioners. The time is now to add the mathematics community. We are excited to use this session to outline our learnings about the issues, describe our current research, and next steps for establishing this work as a national initiative. Please join us in this very important work to provide high quality mathematical preparation and quantitative reasoning for nurses! (Received September 25, 2018)