

September 24, 2026

ITEM 226-2010-R0926

Request for Approval of University System/Employee Intellectual Property Joint Participation under MUSP 407-Johnson; Montana State University

THAT

The Board of Regents of Higher Education approves MSU employee Dr. Elizabeth Johnson to have an equity interest in and to serve as employee of Loop Clinical Systems, Inc. The Board of Regents of Higher Education further authorizes Montana State University to enter into licensing agreements and contractual arrangements with Loop Clinical Systems, Inc.

EXPLANATION

Dr. Elizabeth Johnson, an Assistant Professor in the Mark and Robyn Jones College of Nursing, has started Loop Clinical Systems, Inc., a health technology company focused on improving clinical trial safety, communication, and operational efficiency. The company develops human-centered technologies that support clinical research teams, sponsors, healthcare providers, and trial participants through real-time information exchange, safety management, and predictive analytics.

The company's mission is to reduce preventable mortality and improve coordination of time-sensitive care in rural and frontier geographies, beginning with use cases for sexual assault nurse examiner (SANE) dispatch and supply logistics, and expanding into broader interfacility transfer coordination as the data network and compliance posture mature.

While at MSU, Elizabeth Johnson developed a Product – TrialWear, which is a wearable, mobile-enabled smart patch designed to protect clinical trial participants when they seek medical care outside of their primary research site, such as at local emergency departments, urgent care clinics, or community hospitals. It provides healthcare providers with immediate access to de-identified, trial-specific safety information and treatment guidance while simultaneously notifying research teams through automated alerts.

Loop Clinical Systems, Inc. would like to license the technology from MSU. Dr. Johnson seeks approval to hold an equity interest in Loop Clinical Systems, Inc., established to further develop intellectual property.

The named individual will work in accordance with a Conflicts Management Plan developed by the MSU Office of Research Integrity and Compliance. Under Policy 407 and MCA 20-25-109, university employees must have board approval to serve as officers, employees, or members of a governing board of a business entity, or to hold an equity interest in a business entity which has an agreement with, or share ownership of intellectual property with, the university, relating to the development, licensing or commercial exploitation of that intellectual property. All License Agreements (and possible future licenses as provided for by Option Agreements) issued by the MSU Technology Transfer Office are contingent upon BOR 407 approval.

MSU and MUS will benefit from this approval, including in-state economic development, technical advancements, and collaborative research opportunities for the University and its students.

ATTACHMENTS

Attachment #1: Submission Form