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REGENMED SPONSORS UNIVERSITY OF WISCONSIN CAPSTONE PROJECT TO ADVANCE PATIENT-REPORTED OUTCOMES IN HEALTHCARE

SEPTEMBER 01, 2025

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INVESTING IN THE NEXT GENERATION OF HEALTHCARE TECHNOLOGY INNOVATORS

RegenMed is proud to sponsor a **University of Wisconsin–Madison Computer Sciences Capstone Project (CS 639, Fall 2025)**, joining the ranks of leading organizations such as **Epic Systems, Capital One, American Family Insurance, Google, GE HealthCare, and Medtronic** that have supported this nationally recognized program.

The Capstone program pairs senior undergraduate students with industry partners on **real-world software development projects**, giving students a chance to tackle meaningful challenges while sponsors gain fresh insights, prototypes, and future talent pipelines. Since launching in 2021, the program has expanded to engage **100+ students and up to 18 sponsors each semester**, ranging from Fortune 500 companies to startups and nonprofits.

THE REGENMED PROJECT: ENHANCING PATIENT- REPORTED OUTCOMES

RegenMed's sponsored project, titled **"Electronic Patient Reported Outcomes (ePRO) Data Capture"**, focuses on improving how patients share their post-treatment experiences. RegenMed's platform already collects critical treatment information from both clinicians and patients. But one persistent challenge remains: patients often fail to complete outcome surveys in a timely manner. These surveys, known as ePROs, are vital to understanding treatment effectiveness and advancing value-based care.

The Capstone team will explore ways to:

- **Redesign the User Experience** for patient-facing survey modules.
- **Incorporate Gamification and Rewards** to make survey completion more engaging.
- **Develop Web and Mobile Enhancements** using tools such as React JS, .NET C#, and AWS Cloud technologies (ECS, Lambda, Cognito, and more).

By combining creativity with technical expertise, students will help RegenMed improve patient engagement, generating richer datasets for clinicians, payers, and researchers.

EXPERIENCED MENTORSHIP FOR STUDENT SUCCESS

Capstone students benefit from **direct mentorship by RegenMed's leadership and engineering team**, including:

- **Dolph Courchaine**, RegenMed CIO, with over 40 years of experience in healthcare software engineering.
- **Will Graupmann**, RegenMed Software Engineer and UW–Madison alumnus, who brings recent student and startup perspectives.
- **Laura Prey**, RegenMed Board Member and IT executive, with more than three decades of experience in healthcare and insurance technology.

This mentorship model ensures students learn not only advanced coding and cloud infrastructure, but also the **real-world dynamics of healthcare data, insurance, and patient engagement**.

WHY IT MATTERS: DEMOCRATIZING HEALTHCARE EVIDENCE

The U.S. spends more than **\$5 trillion annually** on healthcare, much of it on treatments with limited evidence of effectiveness. RegenMed's mission is to **democratize access to treatment-effectiveness data**, empowering clinicians, patients, and payers to make better decisions.

By sponsoring this project, RegenMed is helping to:

- Train the next generation of healthcare software engineers.
- Advance the science of **real-world evidence (RWE)** and **patient engagement**.
- Position Wisconsin students at the forefront of solving one of healthcare's most pressing challenges.

A PROUD TRADITION OF INDUSTRY PARTNERSHIPS

With sponsors like **Epic, GE HealthCare, Google, Amazon/Shopbop, Medtronic, and PBS Wisconsin** contributing in past semesters, UW–Madison’s Capstone Program has become a launchpad for impactful collaborations between academia and industry. RegenMed is honored to join this tradition – and to contribute to the future of patient-centered healthcare innovation.

CONTACT US

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