



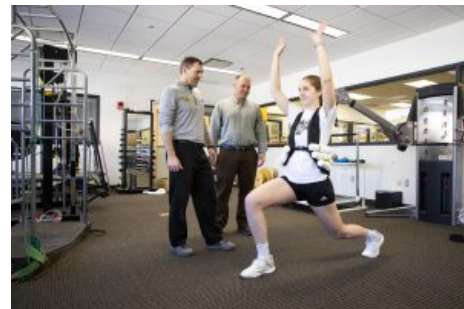
## On The Prowl: The Research Review

February 2022

### New Ideas & New Methods

#### Featured UWM Startup

Chad Henneberry, Assistant Athletic Trainer at the University of Wisconsin, Milwaukee (UWM) has developed a sleeveless vest that uses liquid as a form of resistance (prototype in picture). The instability of the liquid further activates stabilizing muscles which can help with patient rehabilitation, general exercise, core and balance training, therapy, or group workout. This technology has been patented ([U.S Utility Patent 10,625,110 B2](#)) and licensed to Chad's startup, Hydracore Performance, LLC. Chad is currently looking to license his technology to a partner in the rehab or fitness market.



Henneberry's prototype

#### Featured UWM Innovator



Dr. Ionel Popa lab group June 2020

Biomaterials are dynamic tools with many applications. Hydrogels constitute a subtype of biomaterials built from water swollen polymer networks. [Ionel Popa](#), Associate Professor, has developed a new class of protein hydrogels made from soluble proteins into a porous 3-dimensional stable network. Protein based hydrogels are becoming increasingly important due to their applications in artificial tissue design, cell culture scaffolds and as systems to study the cellular environment. The ability to fine tune reaction conditions to achieve desired structure-properties in a 3-dimensional network make these types of hydrogels attractive candidates for purification of therapeutic antibodies. They can be used for a broad range of targets in oncology, immunology, hematology and many more prevalent medical applications.

# Springing Forward

## Upcoming First Look Forum UWM Speakers Announcement

The UWMRF, Medical College of Wisconsin, and Marquette University are once again holding the annual First Look Forum event in person! The event showcases the innovative researchers and technologies of our region to provide an opportunity for business leaders, investors, and entrepreneurs to participate in helping guide these technologies to the marketplace.

UWM Speakers will be **T3 BioScience** with Ching-Hong Yang, **Ionel Popa**, and **MegaPerceptron** with Sandeep Gopalakrishnan



Dr. Marcia Silva presenting at former FLF event

## Events and Deadlines

### JOIN US!!

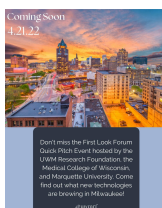
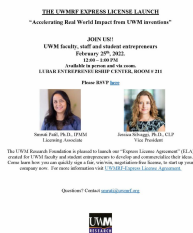
#### UWMRF EXPRESS LICENSE LAUNCH

**Who:** UWM faculty, staff and student entrepreneurs

**When:** February 25<sup>th</sup>, 2022 | 12:00 – 1:00pm

**Where:** Available in person and via zoom.  
Lubar Entrepreneurship Center, Rm# 211

**Please RSVP [here](#)**



#### First Look Forum

April 21 | 4:00 - 7:00pm | UClub Milwaukee  
RSVP: via Eventbrite coming soon



#### Catalyst Grant Abstracts

Due February 28, 2022 | 5:00pm  
[More information here](#)

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