MCIRCC YEAR IN REVIEW 2019

HONORS & ACHIEVEMENTS

A **$90k** Propelling Original Data Science (PODS) grant awarded to MCIRCC researchers from the Michigan Institute for Data Science (MIDAS)

M-RISE receives more than **$3.7 million** through the American Heart Association Strategically Focused Research Network

AHI backed by **$11.5 million** Series A investment which will allow the team to secure FDA clearance, support clinical studies and enable AHI's commercial launch

MCIRCC website redesigned to be more user-friendly for members and potential donors

MCIRCC hosts **6 seminars** in 2019
- 2 Visiting Scholars.
- 4 "Reimagining Critical Care" series

INNOVATION & DEVELOPMENT

24 New Invention Disclosures

25 Patents Awarded

PICTURE predictive analytic, developed by the MCIRCC Data Science Team, debuts in the Michigan Medicine Physical Medicine and Rehabilitation Department. Highly successful proof of concept testing led to a clinical trial scheduled for 2020.

CATALYST CORE

CLINICAL RESEARCH
Saw up to **89%** patient enrollment

DATA SCIENCE TEAM
Captured more than **25 TB** of waveform data

PROPOSAL DEVELOPMENT
Submitted more than **$59M** in full proposals

PRE-CLINICAL CRITICAL CARE LAB
Managed **8** studies

MASSEY TBI PROGRAMS

TBI GRAND CHALLENGE "WOLVERINE DEN"

MORE THAN **$650k** AWARDED TO 5 WINNING TEAMS

THE DON AND JOYCE MASSEY TBI SUMMIT

Featuring keynote speakers **David Menon,** MD, PhD, FRCP, FRCA, FFICM, FMedSci & **Dave Woodruff,** Co-Founder and Chairman of the Board of the Bob Woodruff Foundation

114 CONFERENCE ATTENDEES

9 KEY OPINION LEADERS

8 UNIVERSITIES REPRESENTED

MEMBERSHIP

206 MEMBERS FROM **43** University of Michigan departments **7** schools/colleges

To help us continue saving lives, we established an **EXTERNAL ADVISORY BOARD** comprised of seven leaders from industries including

- Healthcare & Technology Consultation
- Healthcare Technology & Innovation
- Talent Acquisition
- Non-Profit
- Medical Device
- Venture Funds
- Military

CATALYST TEAM: NEW FACES & ROLES

Sardar Ansari, PhD, Research Fellow
Abdelrahman Awad, MD Clinical Research Coordinator
Erin Bisco, Clinical Research Coordinator
Brandon Cummings, Machine Learning Specialist
Nicholas Greer, Research Technician
Justin Jones, Clinical Research Unit Manager
Jon Motyka, Data Engineer
Kate Murphy, Graphic Designer
Nick Sautter, Clinical Subjects Coordinator
Guan Wang, Lead Application Programmer