M CIRCC  
YEAR IN REVIEW  
2019

INNOVATION & DEVELOPMENT

20 New Invention Disclosures
6 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

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

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
43 University of Michigan departments
7 schools/colleges

CATALYST TEAM: NEW FACES & ROLES
Sardar Ansari, PhD, Research Fellow
Abdelrahman Awad, MD Clinical Research Coordinator
Erin Bisco, Clinical Research Coordinator
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

EXTERNAL ADVISORY BOARD
To help us continue saving lives, we established an external advisory board comprised of seven leaders from industries including:
- Healthcare & Technology Consultation
- Medical Device
- Healthcare Technology & Innovation
- Venture Funds
- Talent Acquisition
- Military
- Non-Profit