**MCIRCC 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.

**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

**CATALYST TEAM: NEW FACES & ROLES**

- **Sardar Ansari**, PhD, Research Fellow
- **Abdelrahman Awad**, MD, Clinical Research Coordinator
- **Erin Bischo**, 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

**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**
  - **43** University of Michigan departments
  - **7** schools/colleges

**HONORS & ACHIEVEMENTS**

- 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.