Established in 1969, CHSOR is one of the oldest and most productive health services research centers in the U.S. CHSOR conducts multi-disciplinary research on policies and practices with a special focus on their impact on quality care and patient-centered outcomes.

**SPONSORED RESEARCH**

**DIRECT COSTS, ALL SOURCES**
- Federal ($58.1 mil, 34 projects)
- PCORI ($4.1 mil, 4 projects)
- Foundations ($2.2 mil, 9 projects)
- Other Private ($1.9 mil, 15 projects)
- Internal JHU ($1.7 mil, 8 projects)

*These figures include direct costs for the entire time period of the project.

**DIRECT COSTS, FEDERAL SOURCES**
- NIH ($48.4 mil, 18 projects)
- AHRQ ($4.7 mil, 8 projects)
- DHHS ($1.9 mil, 1 project)
- FDA ($1.8 mil, 1 project)
- CMS ($0.5 mil, 1 project)
- DOJ ($0.4 mil, 1 project)
- VA ($0.3 mil, 2 projects)
- Other Federal ($0.1 mil, 2 projects)

In 2018, CHSOR core faculty had
- 70 active funded research grant and contract awards (projects)
- $67,996,000 in direct costs for all projects active at anytime in 2018
- $58,075,000 of that sum came from Federal Sources
- 22 new projects started by faculty in 2018

**COMMUNITY IMPACT**

14 projects or activities involving 9 core faculty focused on the local Baltimore community among those:

- Baltimore CONNECT, a network of 20+ East Baltimore community-based organizations
- Medical Education Resources Initiative for Teens (MERIT) Health Leadership Academy
- Partnering with Patients in Decision Making: Continuing the Conversation at Johns Hopkins
- Randomized Trial of Multifactorial Fall Injury Prevention Strategy (STRIDE), local patient Council
- Maximizing Independence (MIND) at Home, focuses on those with dementia living in Baltimore
- Johns Hopkins Institute for Clinical and Translational Research (ICTR) initiative on involving the local community perspective in the development and review of research protocols
DISSEMINATION

- **208 PUBLICATIONS** authored by CHSOR core faculty appeared in 2018
- **27,270 CITATIONS** of previously published material throughout 2018


- In 2018, our faculty individually authored up to 25 publications and were cited up to 8,070 times; the highest individual h-index was 109 and the highest i10-index was 357.
- On average, a CHSOR faculty member has over 9,500 all-time citations an h-index of 33 and an i10 index of 71.

- **8 AWARDS & HONORS**
  Among them, Eric Bass, M.D. was selected as a Hopkins Hero for his personification of the mission to improve the health of the community and the world by setting the standard of excellence.
  Emily Boss, M.D. who received the Committee Excellence Award for co-chairing Patient Safety and Quality Improvement Committee of the American Academy of Otolaryngology—Head and Neck Surgery Foundation.

- The CHSOR website had over 14,800 page views, 63 web-featured research projects and 159 events on the online calendar.
- 51 weekly Newsletters to 425 subscribers
- 185 Twitter followers and 278 likes
- 36 alumni in LinkedIn group
- 2,086 people received content about CHSOR on Facebook

EDUCATIONAL IMPACT

- **63** doctoral students advised by our core faculty including doctoral candidates in the Department’s Health Services Research and Policy (HSR&P) concentration that prepares PhD health services researchers in patient safety, quality of care, financing and organization of health services, and reducing health disparities.
- **38** courses taught both in person and online, nationally and globally, in the Johns Hopkins schools of Public Health and Medicine, Berman Institute of Bioethics, and Zanvyl Krieger School of Arts and Sciences.
- **7** of our core faculty have been recognized by students for their excellence in teaching 9 courses, including a Golden Apple Award from the Student Assembly for the best online course.
- **81** masters and other students advised. Among them, Certificate program in Quality, Patient Safety and Outcomes Research (QPSOR) that provides a hands-on, supervised experience in research or practice.
- Master of Health Science (MHS) in Health Economics and Outcomes Research program that offers a foundation in evaluation methods necessary to promote the efficient and equitable allocation of resources.
- Master of Applied Science (MAS) in Patient Safety and Healthcare Quality program that educates students in the transformative mechanisms and evidence-based protocols that reduce preventable patient harm and improve clinical outcomes.
- **31** capstone projects
- **38** weekly seminars featured research-in-progress, complex established outcomes-oriented projects, and translation and implementation of health services research into policy. Among the speakers:
  - President & CEO of AcademyHealth, Team Lead of the Patient Care Models Group at the Innovation Center (CMII, CMS), Associate Director for Performance Measurement, Maryland Health Services Cost Review Commission (HSCRC), and President & CEO of the National Quality Forum (NQF).

We encourage our research staff to pursue educational opportunities while supporting the Center’s research programs. In 2018, 9 attended or graduated from doctoral programs, 8 master’s programs, 1 post-doctoral program, and 4 undergraduate programs.