

Center for Health Services and Outcomes Research (CHSOR) 2017 IMPACT REPORT

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 of care** and **patient-
centered outcomes**.

30 CORE FACULTY

26 AFFILIATED FACULTY

29 RESEARCH & ADMINISTRATIVE STAFF



SPONSORED RESEARCH

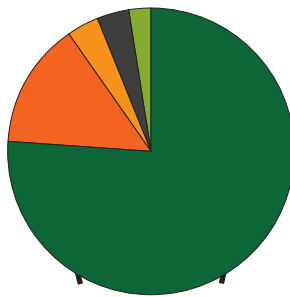
In 2017 CHSOR faculty had:

- **77** active funded research grant and contract awards (projects)
- **\$90,283,000** - direct costs for all projects active at any time in 2017
- **\$68,793,000** of that amount came from Federal Sources

In 2017, our faculty started 20 new projects

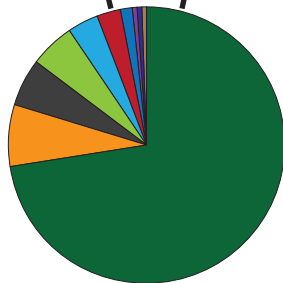
DIRECT COSTS, ALL SOURCES

- Federal (\$68.8 mil, 33 projects)
- PCORI (\$12.7 mil, 10 projects)
- Internal JHU (\$3.4 mil, 8 projects)
- Foundations (\$3.1 mil, 18 projects)
- Other Private (\$2.2 mil, 8 projects)



DIRECT COSTS, FEDERAL SOURCES

- NIH (\$49.8 mil, 11 projects)
- DOD (\$4.9 mil, 5 projects)
- AHRQ (\$3.9 mil, 8 projects)
- CMS (\$3.5 mil, 1 project)
- DHHS (\$2.6 mil, 2 projects)
- HRSA (\$1.8 mil, 1 project)
- NSF (\$0.9 mil, 1 project)
- VA (\$0.4 mil, 2 projects)
- DOJ (\$0.4 mil, 1 project)
- FDA (\$0.3 mil, 1 project)



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

COMMUNITY IMPACT



**19 PROJECTS OR ACTIVITIES,
INVOLVING 10 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

www.jhsph.edu/chsor



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Center for Health Services
and Outcomes Research



DISSEMINATION

○ **253 PUBLICATIONS** authored by CHSOR core faculty appeared in 2017.

○ **19,500 CITATIONS** of previously published material throughout 2017.

Influential journals where our faculty published in 2017 included: Journal of General Internal Medicine (**JGIM**), Value in Health, Patient Education and Counseling, Health Affairs, Journal of Patient Safety, Medical Care, British Medical Journal (**BMJ**), Journal of the American Medical Informatics Association, and Journal of the American Medical Association (**JAMA**).

○ On average, a CHSOR faculty member has over **6,800 ALL-TIME CITATIONS**, an H-index of 31 and an i10-index of 68.

○ In 2017, our faculty individually authored up to **25** publications and were cited up to **3,450** times; the highest individual h-index was **101** and the i10-index was **345**.

○ **142 PRESENTATIONS** including **117** peer-reviewed or invited talks

Our faculty engaged the scientific community at major conferences held by: AcademyHealth, American Medical Informatics Association (**AMIA**), Bipartisan Policy Council, Global Ministerial Summit on Patient Safety, Institute for Healthcare Improvement (**IHI**), International Society for Pharmacoeconomics and Outcomes Research (**ISPOR**), Long-Term Quality Alliance, National Academy of Sciences (**NAS**), Organizational Theory in Health Care Association, and Society of General Internal Medicine.

○ **27 FEATURED INTERVIEWS** with mass media, including The Baltimore Sun, Vox, The Chicago Tribune, The Huffington Post, The New York Times, and Forbes.

○ **8 AWARDS & HONORS**

Among them, Suchi Saria, Ph.D. was recognized by MIT Technology Review and included in its list of 35 innovators under the age of 35.

Eric Bass, M.D. received the Theodore E. Woodward Award for Medical Education from the Maryland Chapter of the American College of Physicians.



CHSOR Website — over **16,700** page views ■ **62** web-featured research projects ■ **181** events in online Calendar ■ **51** weekly Newsletters to **295** addressees ■ Facebook page post reach **2,274** ■ **74** new Twitter followers ■ **36** alumni in LinkedIn group



EDUCATIONAL IMPACT

○ **55** 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.

○ **104** masters and other students advised, among them

○ **31** capstone projects including students from:

Certificate program in Quality, Patient Safety and Outcomes Research (**CQSPOR**) that provides a hands-on, supervised experience in research or practice.

Master of Health Science 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 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.

We encourage our research staff to pursue educational opportunities while supporting the Center's research programs. In 2017, **10** attended or graduated from doctoral programs, **8** master's programs, **4** post-doctoral programs, and one undergraduate program.

○ **45** courses taught, both in person and online, nationally and globally, in the Johns Hopkins schools of Public Health and Medicine, Berman Institute of Bioethics, Whiting School of Engineering, and Zanvyl Krieger School of Arts and Sciences.

○ **5** of our core faculty have been recognized by students for their excellence in teaching 6 courses.

○ **42** weekly scholarly seminars held featuring research-in-progress, complex established outcomes-oriented projects, and translation and implementation of health services research into policy.

In 2017, seminar speakers included the former AHRQ Director, Interim Chief Medical Officer of the Johns Hopkins HealthCare, Canada Research Chair of the Health Services and Systems Research, Director of Quality Improvement at the Johns Hopkins Hospital, and Program Director of the Chesapeake Regional Health Information System for our Patients.

