

**SMART
(Statistics, Machine Learning-Artificial Intelligence)**

Develops novel statistical methodology to integrate and analyze health records, molecular data and observational clinical outcomes. The unit is led by Daniel Gillen, professor and chair of statistics, and Zhaoxia Yu, associate professor of statistics.

Precision Omics

Generates and translates genomic, proteomic and metabolomic research results into clinical applications. This unit is led by Suzanne Sandmeyer, professor in biological chemistry and director of the genomics high-throughput facility, and Leslie Thompson, Donald Bren professor and Chancellor's Professor in psychiatry & human behavior and neurobiology & behavior.

**A3
(Applied Analytics and Artificial Intelligence)**

Brings novel solutions to improve health and wellbeing to ambulatory and inpatient settings. The unit is led by Daniel Chow, assistant professor-in-residence of radiological sciences.

**INSTITUTE
FOR PRECISION HEALTH**

The Future of Health is Precise

SMART



**A2IR
(Applied Artificial Intelligence Research)**

Translates machine learning methods into deployable solutions addressing clinical problems and matching the cost of care to its value. This unit is led by Peter Chang, assistant professor-in-residence of radiological sciences.

Deployable Equity

Engages community stakeholders and health-equity groups to create solutions that narrow the disparities gap in the health and wellbeing of underserved and at-risk populations. The unit is led by Dan Cooper, professor of pediatrics and director of the UCI Institute for Clinical and Translational Science, and Bernadette Boden-Albala, professor and director of the Program of Public Health and founding dean of the planned School of Population & Public Health.

Collaboratory for Health and Wellness

Provides the ecosystem that fosters collaboration across disciplines through the integration of health-related data sources. The unit is led by Kai Zheng, chief research information officer of Health Affairs, and Tom Andriola, vice chancellor for information technology and data.

Education and Training

With leadership from each of the above areas, brings courses, seminars, certificates and degrees in statistics, machine learning-artificial intelligence, omics, and bioinformatics to practitioners and students.

