The J. Craig Venter Institute (JCVI) is a world leader in genomic research. Our scientists are innovators, creators, disruptors, and trailblazers who are fueled by a passion and drive to undertake and successfully execute large research initiatives.

### JCVI at a Glance
- Founded in 1992
- 160 scientists and administrative staff
- 2 Separate campuses with 62k sq ft. Of lab and office space

### Areas of Focus
- Human Health and Performance
- Microbiome
- Environmental Sustainability
- Synthetic Biology
- Infectious Disease

### A History Of Breakthroughs
- Sequenced first genome of a free-living organism
- Sequenced first draft human genome
- Discovered more than 80 million genes and thousands of new species during Global Ocean Sampling Expedition
- Conducted first metagenomic analysis of human gut microbiome
- Published first complete human diploid genome
- Constructed first synthetic bacterial cell
- Opened world’s first net zero energy biological laboratory in La Jolla, California
- Designed and constructed first synthetic minimal bacterial cell
- Identified candidate genes for the FDA-approved Novartis/GSK meningitis vaccine, Bexsero
- Sequenced over 17k influenza genomes and developed predictive algorithm for optimal flu vaccine composition
- Published key policy report on DNA synthesis and biosecurity

### Sources of Funding
**2016-2018**
- Federal Government: 89%
- Foundations/Philanthropy: 7%
- Corporate, State, and International: 4%

### Who We Are
- **4** Members of the National Academy of Sciences
- **1** Member of the National Academy of Medicine
- **1** US National Medal of Science recipient
- **1** Nobel Prize laureate
- **6** Commercial entities spun out of JCVI research
- **25k** Publications in top tier, peer reviewed journals
- **1** First LEED platinum certified biological laboratory building

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Vice President, Human
Resources

Richard Scheuermann, Ph.D.
Professor and La Jolla
Campus Director

Distinguished Professors

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Hamilton O. Smith, MD, Nobel Laureate
Clyde A Hutchison III, Ph.D.

Professors

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Associate Professors

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Marcelo Friere, DDS, Ph.D., DMedSc
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