

# Summer Opportunities in Statistical Science and Quantitative Public Health

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*Email  
me with  
follow up  
questions!*

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# Harvard T.H. Chan School of Public Health

DEPARTMENT OF  
BIOSTATISTICS

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## Summer Program in Biostatistics & Computational Biology



**Enjoy Math, Statistics, and Computation?  
Intrigued by Big Data? Eager to Impact Public  
Health?**



**Explore Biostatistics & Computational Biology at Harvard this  
Summer!**

[hsph.harvard.edu/biostatistics/diversity](https://hsph.harvard.edu/biostatistics/diversity) ←

# Harvard T.H. Chan School of Public Health



SCHOOL OF PUBLIC HEALTH

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## FACETS

### The Program

**FACETS** is a dynamic program that takes a holistic approach to cultivating the next generation of scientists. FACETS offers **research** opportunities. However, the program recognizes the importance of offering **coursework** and **networking** opportunities with the overall goal of increasing participants' competitiveness for graduate school admission.

[hsph.harvard.edu/diversity/facets](https://hsph.harvard.edu/diversity/facets) ←

# Harvard T.H. Chan School of Public Health





# Summer Institute in Biostatistics



## Summer Institute in Biostatistics



### *Program Overview*

The Summer Institute in Biostatistics (SIBS) offers a comprehensive six to seven week summer training course on biostatistics with relevant examples that include data collected in studies of heart, lung, blood, and sleep disorders. Designed to address a growing imbalance between the demand and supply for biostatisticians, the course targets undergraduates and beginning graduate students who are interested in learning about biostatistics. The program will provide an intensive introduction to biostatistical approaches and research by exposing participants to the principles, methodologies, uses, and applications of statistical methods in biomedical and clinical research. Courses will be offered during the summer of 2018. The program was initiated in 2004 at Boston University, North Carolina State University, and the University of Wisconsin, and has been expanded to meet the increasing need.

For the upcoming session of 2018, the NHLBI supports six SIBS programs. Links to information on the SIBS programs at the respective participating institutions are listed below:

Boston University Medical Campus (link is external)   
<http://sph.bu.edu/sibs> 

Emory University (link is external)   
<http://sph.emory.edu/departments/bios/sibs/index.html> 

North Carolina State University-Duke University (link is external)   
<http://www.stat.ncsu.edu/sibs/> 

University of Colorado Denver (link is external)   
[www.ucdenver.edu/biostatistics/cosibs](http://www.ucdenver.edu/biostatistics/cosibs) 

University of Iowa (link is external)   
<http://www.public-health.uiowa.edu/isib/> 

University of Minnesota (link is external)   
<http://www.sph.umn.edu/academics/institutes/sibs/> 

I attended in 2004



# University of Michigan



SCHOOL OF PUBLIC HEALTH  
BIG DATA SUMMER INSTITUTE  
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[sph.umich.edu/bdsi](https://sph.umich.edu/bdsi) ←

## SUMMER INTERNSHIP FOR INDIGENOUS PEOPLES IN GENOMICS (SING)

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### **Applications for the 2019 SING Workshop will be available in November**

The Summer internship for Indigenous peoples in Genomics (SING) Workshop is a one-week workshop aimed at discussing the uses, misuses and limitations of genomics as a tool for indigenous peoples' communities. The workshop will also assist in training indigenous peoples in the concepts and methods currently used in genomics.

The goals of the workshop are to:

- 1) facilitate discussion on indigenous cultural values and whether scientific methods can be beneficially incorporated with these values,
- 2) provide awareness of how genomics is currently used as a tool to assist in

projects focused on natural resources, history and health and

3) to increase the number of indigenous peoples in science research, leadership and teaching careers at all levels.

# University of Pennsylvania

## About SUMR

The SUMR program is an initiative by the Leonard Davis Institute of Health Economics (LDI) and the Health Care Management Department of the Wharton School to provide underrepresented minority undergraduate students, or interested others, an opportunity to explore the exciting field of health services research.

This program is supported by the [Center for Health Equity Research and Promotion \(CHERP\)](#), the Leonard Davis Institute of Health Economics (LDI), the [Center for Clinical Epidemiology and Biostatistics \(CCEB\)](#), Wharton's Deputy Dean's office, the Provost's Diversity Fund, the [Public Policy Initiative \(PPI\)](#), [Office of Inclusion and Diversity](#), [Department of Medical Ethics and Health Policy](#), [The Center for Health Incentives and Behavioral Economics \(CHIBE\)](#), [The Masters of Science in Health Policy Research Program \(MSHP\)](#) and the mentors' research grants.

- [2018 Orientation Schedule](#)
- [SUMR Calendar 2018](#)







## B.I.G. SUMMER

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## Bruins-In-Genomics (B.I.G) Summer Undergraduate Research Program



Training the 21st Century Immunologist

# Florida Institute of Technology



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## Welcome

Welcome to the web portal of AMALTHEA!

AMALTHEA is a 10-week, summer research experience (REU) site for domestic undergraduate students primarily funded by the [National Science Foundation](#) and hosted at [Florida Institute of Technology](#) in Melbourne, Florida. Its broader research area is [Machine Learning](#) (ML), its theory and applications. Due to AMALTHEA's particular intellectual focus, our program is annually seeking to recruit nation-wide a diverse body of student participants from a wide spectrum of disciplines such as Engineering, Computer Science, Mathematics, Statistics and Physics. Some research highlights from last year are shown in the playlist below.

[www.amalthea-reu.org](http://www.amalthea-reu.org)

Full list of mathematical sciences REUs: [bit.ly/1xZqbYN](https://bit.ly/1xZqbYN)