

# DeannaMChurch

Genomics and Bioinformatics Leader

## contact

550 Iris St.  
Redwood City, CA 94062  
USA

+0 (301) 233 2991

deanna.church@gmail.com

## languages

english, mother tongue

## Genomics

Genome assembly,  
Genome annotation,  
variant analysis, &  
Single-cell 'omics

## Bioinformatics

Python, R,  
HTML, XML/XSLT,  
Javascript,  
CSS3, SQL & Perl

## focus

Leading interdisciplinary teams using genomics and computation to improve human health.

## experience

2016-Present **10x Genomics**

Pleasanton, California

*Senior Director of Applications*

Leads an interdisciplinary team of top rate scientists in demonstrating the scientific value of the full 10x product suite. This work covers a variety of scientific areas including genome assembly, genome analysis, tumor microenvironment analysis, tumor heterogeneity and immune profiling.

2014-2016

**Personalis, Inc**

Menlo Park, CA

*Senior Director of Genomics and Content*

Led a team developing novel genome analysis algorithms and pipelines. Led the development of knowledge bases built using automated data processing coupled with data curation to support genome interpretation.

2001-2014

**National Center for Biotechnology Information, NIH**

Bethesda, MA

*Staff Scientist*

Led a team of biologists and software developers in developing databases and tools to make genomic data accessible to the research and clinical communities. Participated in numerous international collaborations including helping to found the Genome Reference Consortium, the group tasked with maintaining the human reference assembly.

## scholarship and service

Published over 60 manuscripts and given over 100 scientific presentations, including many keynotes. Serves on scientific advisory boards, currently including Ensembl and Genome Quebec. Reviews scientific manuscripts and grants. Member of scientific societies including ASHG and AACR. Participates in and developed numerous sessions to teach genomics and informatics to non-specialists.

## education

1999-2001

**National Center for Biotechnology Information, NIH**

Bethesda, MD

*Postdoctoral fellow*

1997-1999

**Laboratory of Janet Rossant, Mt. Sinai Hospital**

Toronto, Ontario

*Postdoctoral fellow*

1992-1997

**PhD of Biological Sciences**

The University of California, Irvine

1986-1990

**Bachelor of Liberal Arts**

University of Virginia