

# DeannaMChurch

Genomics, Technology and Bioinformatics Leader

## contact

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USA

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## skills

Leadership, Team Player,  
Project Management (Jira),  
Curiosity & Initiative

## genomics

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

## bioinformatics

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

## languages

english, mother tongue

## focus

Leading interdisciplinary teams to make genomics and technology accessible to all.

## 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 single cell 'omics, 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 expert 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