

# 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, Git,  
HTML, XML/XSLT,  
Javascript,  
CSS3, SQL & Perl  
github.com/deannachurch

## languages

english, mother tongue

## focus

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

## experience

2019–present **Inscripta**

Boulder, Colorado

*Senior Director, Applications Mammalian*

Leads a diverse team of scientists focused on developing applications to take advantage of Inscripta's massively parallel genome editing approaches. Additionally, we work on provide genome assembly, annotation and knowledge bases to support experimental design as well as subsequence analysis. Lastly, we provide biosecurity solutions for Inscripta.

2016–Present **10x Genomics**

Pleasant, California

*Senior Director of Applications*

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

2014-2016

**Personalis, Inc**

Menlo Park, CA

*Senior Director of Genomics and Content*

Lead a team developing novel genome analysis pipelines and building knowledge systems to support genome interpretation.

2001-2014

**National Center for Biotechnology Information, NIH**

Bethesda, MA

*Staff Scientist*

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

1990-1992

**MIT and MGH**

Boston, MA

*Laboratory Technician*

Managed laboratory and performed experiments, including helping to develop the exon amplification protocol.

## 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	<b>National Center for Biotechnology Information, NIH</b> <i>Postdoctoral fellow</i>	Bethesda, MD
1997-1999	<b>Laboratory of Janet Rossant, Mt. Sinai Hospital</b> <i>Postdoctoral fellow</i>	Toronto, Ontario
1992-1997	<b>PhD</b> of Biological Sciences	The University of California, Irvine
1986-1990	<b>Bachelor</b> of Liberal Arts	University of Virginia