

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**

Senior Director, Applications Mammalian

Boulder, Colorado

2016–2018

10x Genomics

Senior Director of Applications

Pleasant, California

Led 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

Senior Director of Genomics and Content

Menlo Park, CA

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

Staff Scientist

Bethesda, MA

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