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# Concept Clearance: Renewal of the NHGRI Technology Development Coordinating Center (TDCC)

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**Division of Genome Sciences**

NACHGR

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National Human Genome  
Research Institute

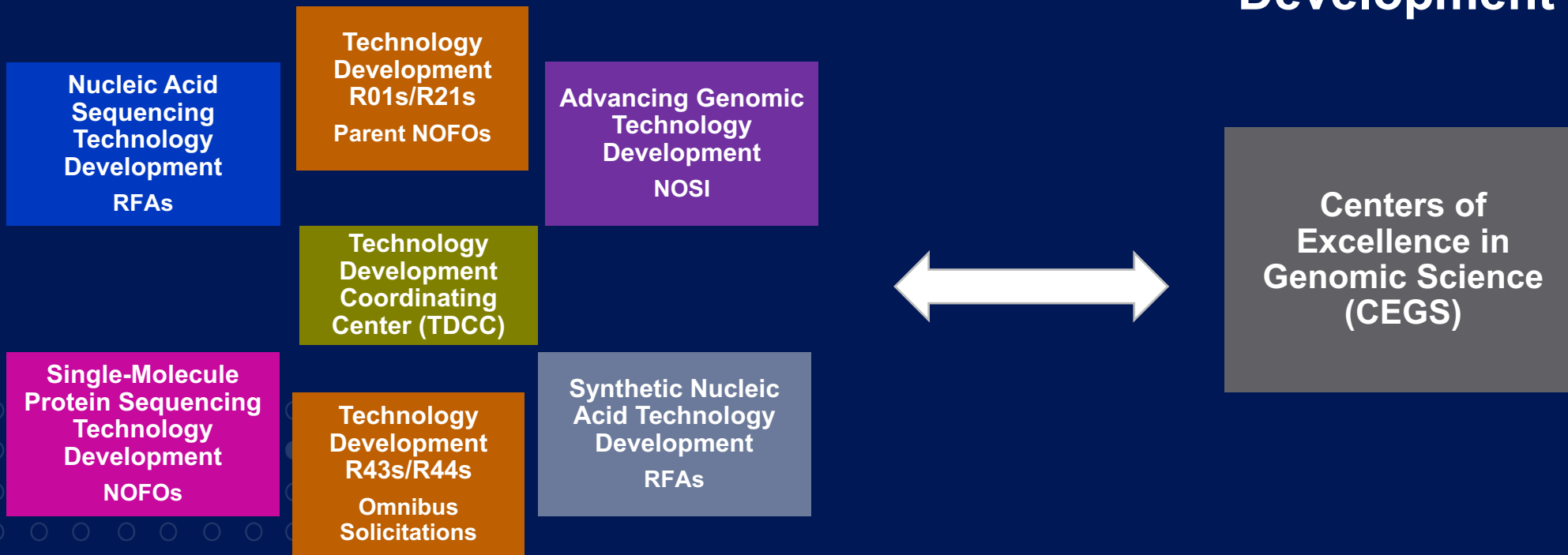
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# Genome Technology Program (GTP)

Goal: Accelerate innovation, development, and early dissemination of genomic technologies

## Genome Technology Program

## Other Supported Technology Development



<https://www.genome.gov/Funded-Programs-Projects/Genome-Technology-Program>

<https://www.genome.gov/Funded-Programs-Projects/Centers-of-Excellence-in-Genomic-Science>

# Technology Development Coordinating Center (TDCC)

- Four year award launched in 2021
- Goal: Enhance integration between components of GTP
  - First coordinating center to bring together funded R grants
- Over the past three years, the TDCC has successfully:
  - Hosted a series of widely attended and viewed outreach events and webinars
  - Provided funds to support nine early-stage research projects
  - Coordinating more than 60 R01/R21 and small business grants

Website: <https://genometdcc.org/>

# Renewal Builds on TDCC Activities

- Facilitate opportunities for collaborations
- Develop outreach strategies and resources
- Support innovative small-scale work



# Renewal TDCC Activities

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## *Facilitate Opportunities for Collaborations*

- Organize annual meetings for GTP and CEGS grantees
- Convene scientific working groups for the GTP

## *Develop Outreach Strategies and Resources*

- Develop outreach approaches and education materials
- Maintain GTP website



# Renewal TDCC Activities

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## *Support Innovative Small-scale Work*

- Manage and administer Opportunity Funds Program
- Goal: Expand the impact of the genome tech portfolio
- Support pilot projects in priority areas
  - Early-stage studies
  - Activities to advance dissemination
  - Methods/materials development for tech evaluation
- Encourage collaborative projects

# Mechanism and Funding

- One U24 award in FY25
- Funded for five years at \$1.5M total costs/year
- Budget includes \$750K total costs/year for the Opportunity Funds Program
- Open competition

# NHGRI Team Technology

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Stephanie Morris



Katie Bardsley



Lisa Chadwick



Ben Cubert



Temesgen Fufa



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Ian Nova



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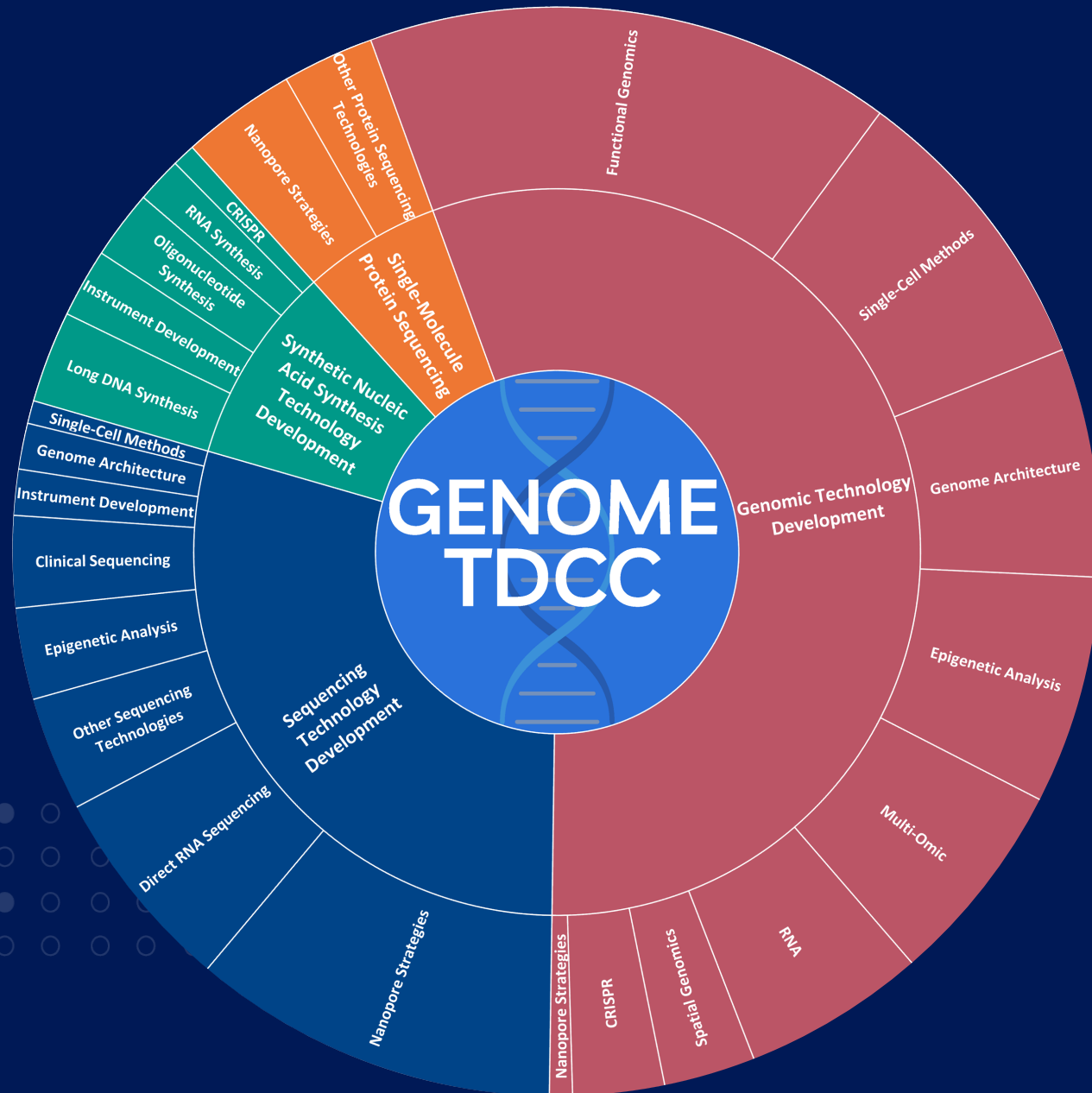
Carolyn Hutter





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# Genome Technology Program Grants by Research Area



Active Programs (7/23)

33 Genomic Technologies

21 Nucleic Acid Sequencing

9 Single-Molecule Protein Sequencing

10 Nucleic Acid Synthesis

73 Grant Awards (12 SBIRs)

90 Principal Investigators

<https://www.genometdcc.org/chart>