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Genomic Innovator Award Concept Clearance

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National Human Genome
Research Institute

The **Forefront**
of **Genomics**[®]

Genomic Innovator Award - Motivation

- Genomics is an interdisciplinary field, and often requires a “team-science” approach.
- Academic career advancement is traditionally based on individual achievements.
- 21st Century Cures Act
 - Investing in the Next Generation of Researchers.
 - Encourages NIH to promote opportunities for new researchers and earlier research independence.

Aims

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- Support highly innovative work in genomics.
- Support creative investigators who
 - participate in consortia or similar large research groups,
 - are early in their careers,
 - have shown potential to make substantial contributions to genomics research.
- Help such people become established independent investigators.

Focus

- Focus on career growth
 - Applicants should not have R01-level support (new investigator status).
 - PIs will be eligible for other awards (NHGRI, other).
- Focus on investigator
 - Applications include aims but less detail than standard R01.
 - Applications demonstrate contributions to “team-science”.
 - Applicants have track record and promise for advancing genomics.

Other NIH Programs Focused on Individual Researchers

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OD	2006
NIEHS	2013
NCI	2014
NIGMS	2015
NINDS	2015
NHLBI	2016
NIDCR	2017



Review

- One receipt date per year.
- NHGRI review group would evaluate applications.
- Evaluation based on
 - Proposed work: merit, innovation and potential for substantial contributions to genomic research.
 - Investigator: applicant's promise and track record of creativity, productivity, and impact.

Funding

- Up to \$300,000 direct costs = ~\$500,000 total costs per year.
- Each award for 5 years.
- Two new awards per year.
- Program would scale up to ~\$5 million per year and fund 10 investigators at a time.