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Concept Clearance: Research Experiences in Genomic Research for Genetic Counselors (R25)

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Presentation to NACHGR

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National Human Genome
Research Institute

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The **Forefront**
of **Genomics**[®]
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Background

- Responds to the [NHGRI's Training and Education Task Force report](#) recommendation to “Expand opportunities for individuals who need to round out their training to be effective genomic researchers”
 - Presentation can be seen in [YouTube](#)
- These concepts develop the research workforce through the research education of individuals.
- Proactive approach as both genetic counselors and data scientists are in high demand for activities other than genomic research.
- Attend the need to attract these individuals early into genomic research.
- Master's level scientists such as genetic counselors and data scientists have limited opportunities to obtain research education.

Program Announcement: Research Experiences in Genomic Research for Genetic Counselors

- **Why?**

- Genetic counselors are increasingly working as core members of genomic research teams, but they have limited opportunities to gain the research workforce skills
- Goal is to increase genetic counselors' involvement in genomics research

- **Eligibility**

- Domestic institutions that will create a research education program
- Individuals to be appointed: Genetic Counselors with a master's degree
- Genetic Counselors without significant prior experience in genomic research
- Genetic Counselors not currently supported by research grants

Program Announcement: Research Experiences in Genomic Research for Genetic Counselors

- **Mechanism of Support:** R25 Research Education Program
 - Personnel Costs
 - Participant Costs
 - Other program-related expenses: Consultant costs, equipment, supplies, travel.
 - Indirect Costs are reimbursed at 8%
- **Role of Participants in Research Projects**
 - Will support participation in the generation, analysis and dissemination of research data
- **Examples of research topics**
 - Risk management behaviors and diagnoses
 - Factors considered when making decisions to participate in gene therapy
 - Reproductive genetics
 - Variant interpretation

Budget

- **Award Budget:** Limited to \$225,000 total costs per year, which includes 8% in F&A, to support at least two participants
- **Effort:** Participants will be required to devote a minimum of 6 person-months (50% of full-time professional effort)
- **Length of support for participants:** From 6 months up to 24 months
- **Award Project Period:** The institution can request up to 5 years of support for the research education program

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Thank you

- Joy Boyer
- Heather Colley
- Tina Gatlin
- Alex Raphael
- Robb Rowley
- Shurjo Sen

Questions and Comments

