

ISCC-PEG: Annual Meeting 2021 Roadmap

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Co-Chair ISCC-PEG



genome.gov/iscc



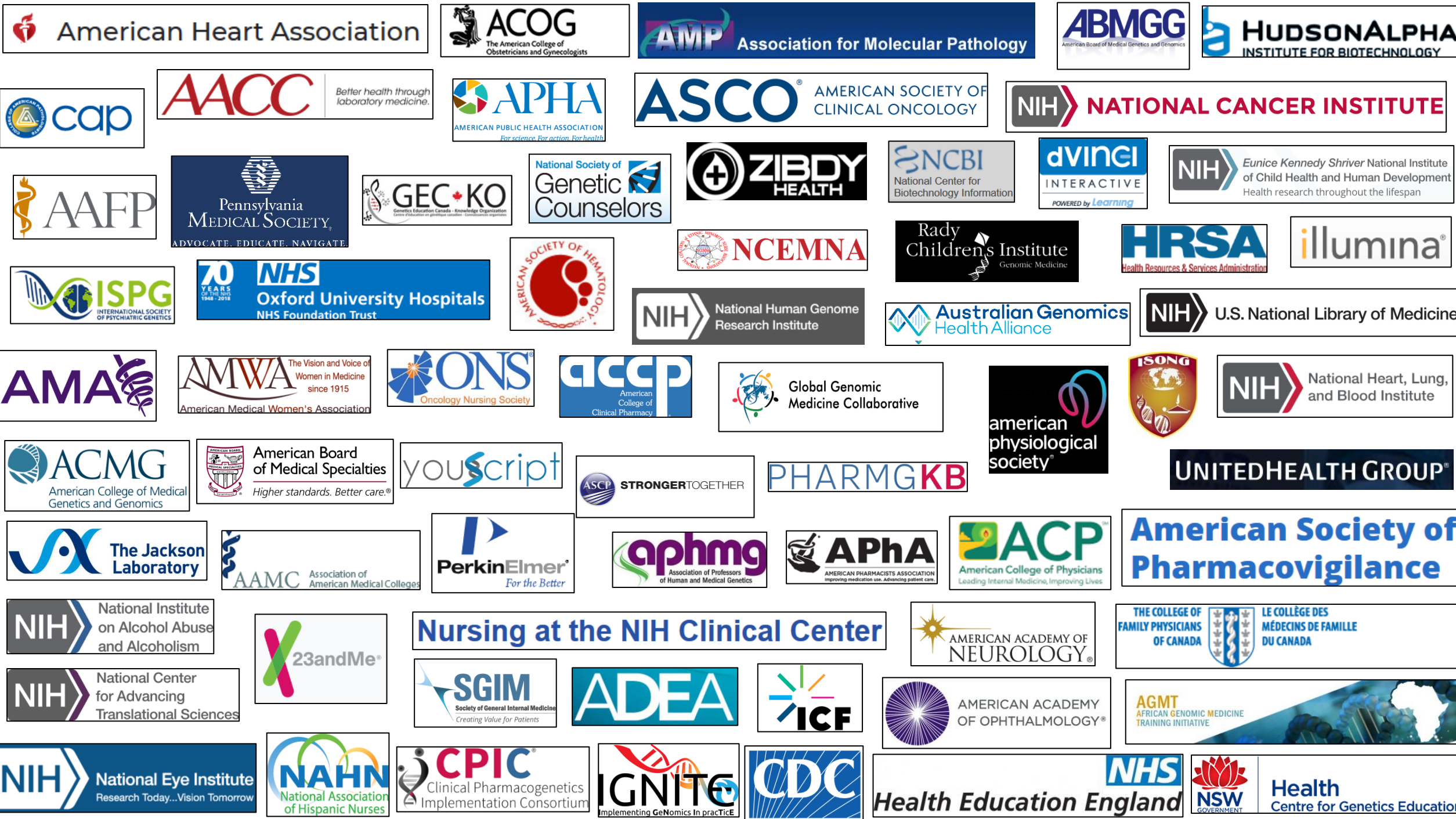
Thanks to our
members and NHGRI
for your support!!

Carla Easter, Donna Messersmith, Christina
Daulton, Sherese Teixeira, and Larry Brody



Google Drive with useful info (e.g.,
minutes, presentations):

https://drive.google.com/drive/folders/1D-zKzTvNXILTHsA_UgoabkQ3sphy6AKk?usp=sharing



230 members!

New members always welcome...free and easy to join!

- Representation from: 48 organizations, 13 government/institute, 10 companies
- 76 individual members, 7 student members
- Welcome to new members since last in-person meeting!
 - Individual: Teresa Ramirez, Aungst, Heide Aungst, Claudia Mikail, Laura Ramsey, Wendy Chung, Julia Wynn, Nicole Mortier, Travis O'Brien, Louise Wilkins-Haug, Leonie Kurzlener, Otito Iwuchukwu, Yesilieth Diaz, Brenda Obana, Julian Ramelow, Maren Scheuner, Anne West, Grant Wood, Timothy Curry, Lily Chanthasak, Adarema Opara, Brian Zakhary, Luca Brunell, Yi Liu, Jim Dickens, Barbara O'Brien, Edward Ezenwafor, Kamala Simkhada, Kristine Crews, Nirmal Sirsena, Keegan Hovland, Spoorthy Reddy, Kristen Fishler, Dianna Milewicz, Siddharth Prakash, Gwyneth Zai
 - Government and Organizations: Aarti Ramdaney (NSGC), Matthew Taylor (ABMGG), Dennis Brown (APS), Amy Niselle (Australian Genomics Health Alliance), Soohyun Kim (HRSA), Karen Garman (Rady Children's Institute for Genomic Medicine), Heather Collins (NLM), Kathleen Renna (NHGRI), Jill Thomas (NHGRI), Linda Ho (NCATS)
 - Industry: Holly Snyder (Illumina), Patricia Winters (Illumina), Akanchha Kesari (Perkin-Elmer), Melanie Majerus (UnitedHealthcare), Nancy Mendelsohn (UnitedHealthcare)
 - Student: Katherine Robinson, Kelsey Ellis, Rene Begay, Samantha Bailey, Jenny Nguyen, Tala Akari, Aryana Abtin



PROFESSIONAL DEVELOPMENT PROGRAMS

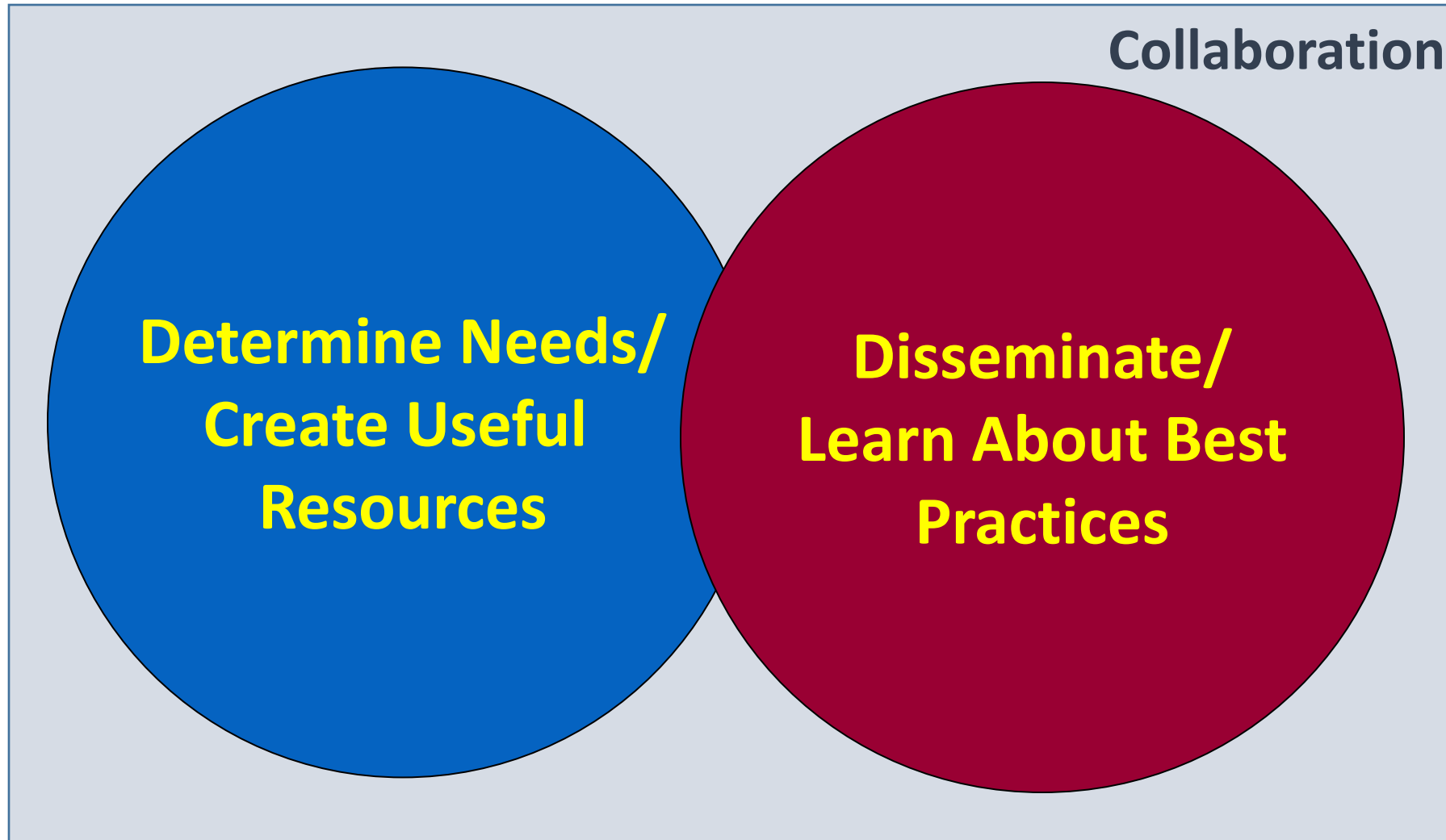
ISCC-PEG Scholars Program: A Genomics Education Opportunity >

First year!

- Application and selection process
 - 26 applicants
 - Current student/trainee
- Paired with ISCC-PEG member mentor to work on project
 - 2 years
- Travel to ISCC-PEG Annual Meeting

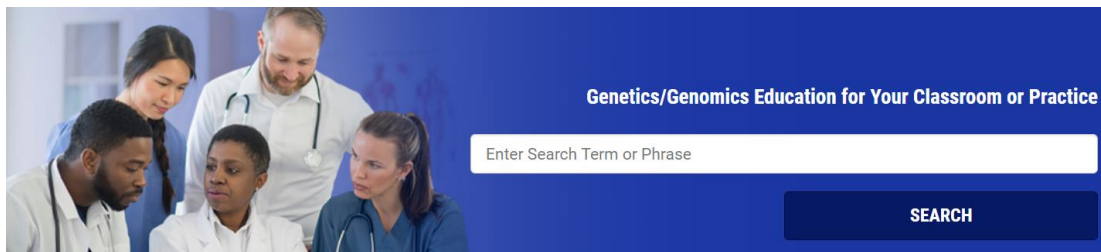
| Scholar | Mentor |
|---|---|
| Samantha Bailey University of Pittsburgh School of Pharmacy and Clinical Pharmaceutical Sciences Program, Pharm.D. and Ph.D. | Phil Empey, Pharmacogenomics Project Group |
| Rene Begay Johns Hopkins School of Public Health, M.P.H | Carla Easter, NHGRI Christina Daulton, NHGRI |
| Kelsey Ellis The University of North Carolina at Greensboro Master of Science in Genetic Counseling Program | Michelle Snyder, Rare Disease Project Group |
| Katherine Robinson St. Jude Children's Research Hospital, Doctor of Pharmacy | Kristine Crews, Pharmacogenomics Project Group |

Goal of ISCC: Improve Genomic Literacy



The Compendium: Sharing ideas and resources

| | |
|---|----|
| African Genomic Medicine Training Initiative | 9 |
| American Academy of Family Physicians (AAFP)..... | 11 |
| American Academy of Ophthalmology (AAO) | 12 |
| American Association for Clinical Chemistry (AACC) | 13 |
| American Board of Medical Specialties (ABMS)..... | 15 |
| American College of Clinical Pharmacy (ACCP)..... | 17 |
| American College of Medical Genetics and Genomics (ACMG)..... | 19 |
| American College of Obstetricians and Gynecologists (ACOG)..... | 20 |
| American Heart Association (AHA)..... | 21 |
| American Medical Association (AMA) | 23 |
| American Medical Women's Association (AMWA)..... | 25 |



Compendium Entry (Blank form for new entries or updates)

Name of Organization:

- 1) Name of Individual(s) Submitting Entry:
- 2) List and briefly describe your organization's active educational programs/best practices/initiatives/resources related to genomics education. Please include any relevant links. Place an asterisk next to any resources you would consider for inclusion in G2C2 (the genomics educational repository at <http://genomicseducation.net/>).
- 3) Would someone be interested in presenting your organization's educational programs/best practices/initiatives/resources during an ISCC plenary call or face-to-face meeting? If yes, please indicate topic, who might present, and whether there is a preference for a call or face-to-face meeting.
- 4) Would someone in your organization be interested in leading a project? If yes, please describe project including deliverable(s), opportunities for collaboration and who might lead the project.
- 5) Would someone in your organization be interested in leading a discussion related to issues/best practices in genomics education during an ISCC plenary call or face-to-face meeting? If yes, please describe topic, who might lead a discussion, and whether there is a preference for a call or face-to-face meeting.
- 6) Other ideas for ISCC: please include additional potential projects, discussions and opportunities for collaboration (even if someone in your organization would not be interested in leading).

Thinking of revamping
--Please answer the following poll questions

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COMMITTEES

JUST LIKE TEAMWORK. ONLY WITHOUT THE WORK.

ISCC Project Groups: Not just talk

- **Inclusion in the Practice of Genomic Medicine** (Shoumita Dasgupta)
- ***Pharmacogenomics** (Andrew Monte and Phil Empey)
- ***Direct-to-Consumer Genetic Testing** (Tracey Weiler and Houriya Ayoubieh)
- ***Obstetrics and Gynecology** (Barbara O'Brien and Louise Wilkins-Haug)
- ***Rare Diseases** (Michelle Snyder)

New project group members and ideas welcome!

*Breakout sessions: Feel free to join the conversation even if not a Project Group member!

Project Groups: Some thoughts...

- All are creating useful resources
- Consider:
 - Dissemination
 - Where will the resource “live”?
 - Organization listservs
 - Apply to present at an organization’s annual meeting
 - Rare Disease Project Group and Pediatric Academic Societies Meeting
 - Funding/Salary Support
 - R25 grants from NHGRI and NCI
 - Evaluation/Publication
 - Inclusion in the Practice of Genomic Medicine study
- Keep in mind COI, Material Review and Dissemination Policies (on website)

PAR-19-185

Initiative to Maximize Research Education in Genomics: Courses (R25 Clinical Trial Not Allowed)

The National Human Genome Research Institute (NHGRI) invites R25 applications to support:

(1) Short-term, advanced courses that are intended to disseminate, to a larger scientific audience, new techniques, methods, or analyses related to the mission of the NHGRI. Short-term courses are two weeks or less in duration.

(2) Long-term, skills development courses should provide innovative, state-of-the-art, evidence-based education related to the mission of the NHGRI. Long-term courses are more than two weeks, but less than one year.

Cancer Research Education Grants Program (R25)

The Cancer Research Education Grants Program (CREGP) (R25) provides support for educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. Applications should propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients.

<https://www.cancer.gov/grants-training/training/funding/r25e>

Agenda



- | | |
|--------------------------------|--|
| 11:15 a.m. – 11:30 a.m. | Welcome and Introductions, Dr. Carla Easter and Dr. Donna Messersmith |
| 11:30 a.m. – 12:30 p.m. | Keynote: “A 2020 Strategic Vision for Improving Human Health at The Forefront of Genomics,” Dr. Eric Green |
| 12:30 p.m. – 1:00 p.m. | Break |
| 1:00 p.m. – 1:30 p.m. | Roadmap for Today’s Meeting, Dr. Rich Haspel |
| 1:30 p.m. – 2:00 p.m. | “Serving the Needs of Patients and the Public Through Independent Accredited Continuing Education,” Suzanne Ziemnik, MEd, Chief Officer, Learning and Educational Research, American Society for Clinical Pathology; Chair, Board of Directors, Accreditation Council for Continuing Medical Education |
| 2:00 p.m. – 2:15 p.m. | Healthcare Provider Genomics Education Week, Kim Jacoby-Morris, Ph.D., NHGRI |
| 2:15 p.m. – 2:30 p.m. | Break |
| 2:30 p.m. – 3:45 p.m. | Project Group Working Sessions (break-out rooms) |
| 3:45 p.m. – 4:30 p.m. | Project Group Summaries and “Asks” of ISCC Membership |
| 4:30 p.m. – 5:00 p.m. | General discussions and Wrap-up |



- A dark square button with a white speech bubble icon containing three dots and the word "Chat" in blue text below it.
- Topics Welcome
 - Compendium
 - ISCC-PEG Resources Listserv
 - ISCC Young Faculty Mentoring Program
 - Outreach to Primary Care Providers