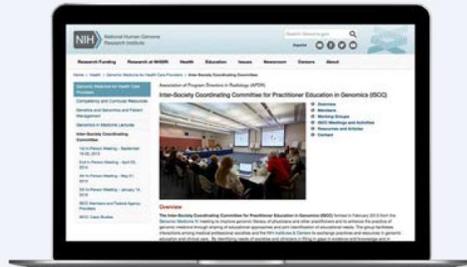


ISCC 8th In-Person Meeting

February 7, 2019

Inter-Society Coordinating Committee for
Practitioner Education in Genomics (ISCC)



<https://www.genome.gov/ISCC>



Thank you!!



Teri Manolio, MD, PhD
Director, DGM
ISCC Co-Chair

What is the ISCC?

- The Inter-Society Coordinating Committee for Practitioner Education in Genomics (ISCC)
 - Supported by the United States NHGRI
 - Division of Policy, Communications, and Education
 - Education and Community Involvement Branch
- 121 non-NHGRI members
 - 78 representatives from 60 organizations
 - 18 representatives from 9 NIH institutes
 - 9 representatives from 5 companies
 - 16 individual members



Laura Rodriguez, PhD
Director, DPCE



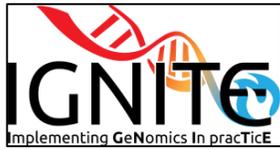
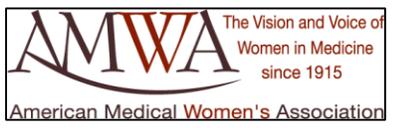
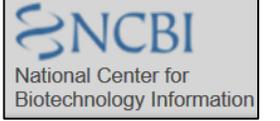
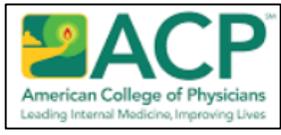
Carla Easter, PhD
Chief, ECIB
ISCC Co-chair



Donna Messersmith, PhD
Provider Education Specialist



Christina Daulton, MA
Education Outreach Specialist



Welcome to New members!

- 50 new members since our last in-person meeting
 - Thanks to Donna for “cleaning up” our roster
 - All of our individual members
 - All of our industry members

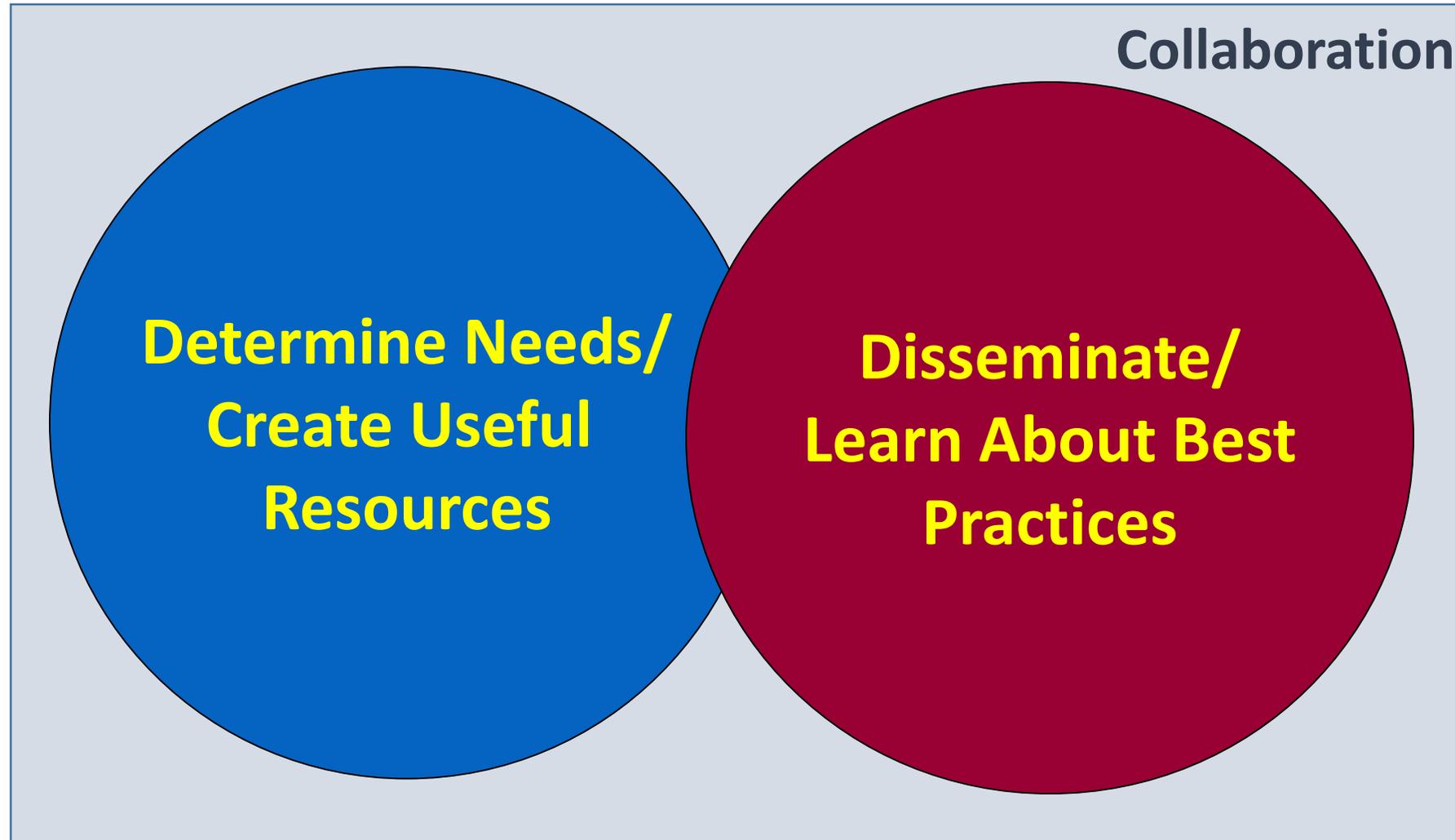


Nursing at the NIH Clinical Center

American Society of Pharmacovigilance



Goal of ISCC: Improve Genomic Literacy



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COMMITTEES

JUST LIKE TEAMWORK. ONLY WITHOUT THE WORK.

ISCC has created useful resources

- Developed competencies
- Educational resources
 - Webinars
 - Educational cases
 - Universal exercises

Framework for development of physician competencies in genomic medicine: report of the Competencies Working Group of the Inter-Society Coordinating Committee for Physician Education in Genomics

Genet Med. 2014 Nov;16(11):804-9.

PATIENT TREATMENT BASED ON GENOMIC RESULTS

EPA: Use genomic information to make treatment decisions.

Patient care

- Identify medical conditions and drug responses that have a strong genetic component;
- Recognize that variants affecting drug responses found in a patient may also have implications for other family members; and
- Discern the potential clinical impact of genetic variation on risk stratification and individualized treatment.

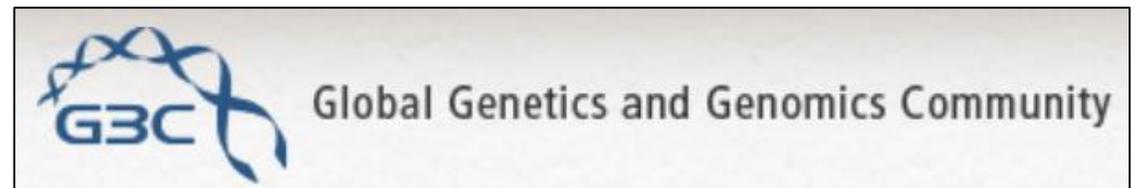
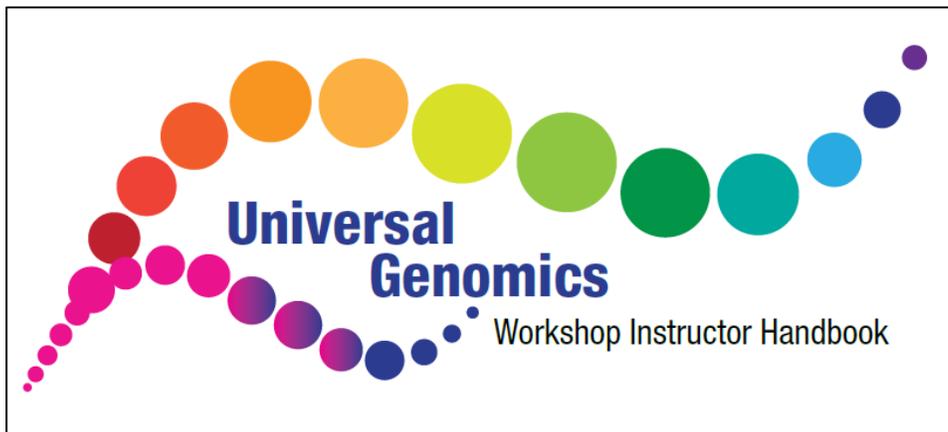
Knowledge for practice

Systems-based practice

- “Treat the patient who has the disease,” i.e., be aware of the patient’s needs as an individual who also has a genetic disease or pharmacogenomic variation.

Interprofessional collaboration

- Recognize potential involvement of multiple organ systems in genetic disorders and therefore appreciate the need to seek appropriate consultation with experts in the field; and
- Make medical and genetic information available to other health-care professionals, upon obtaining proper consent, while keeping the patient’s interests as the primary priority.



Progress in 2018

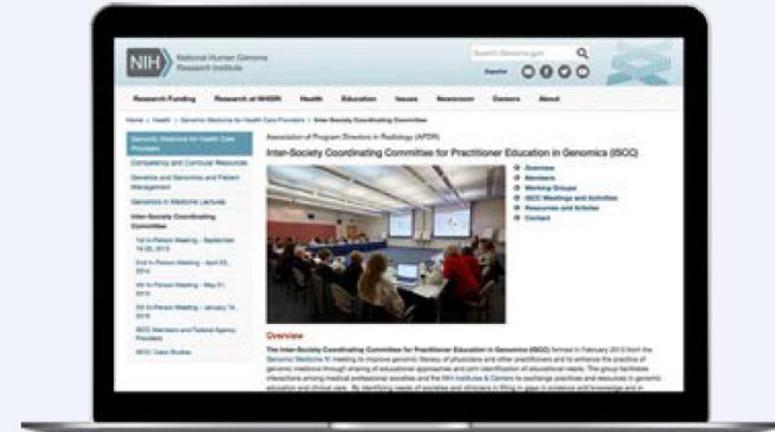
- Re-worked our ISCC description
 - Allowing new membership categories
 - Defining expectations
 - Project groups
- Updated website

INTER-SOCIETY COORDINATING COMMITTEE FOR PRACTITIONER EDUCATION IN GENOMICS (ISCC)

National Human Genome Research Institute
(2018)

Mission: To improve genomic literacy of healthcare providers and enhance the effective practice of clinical genomic medicine by facilitating interactions among key stakeholders in genomics education. Through ISCC, members can collaborate to identify educational needs and potential solutions, share best practices in educational approaches and develop educational resources.

Inter-Society Coordinating Committee for Practitioner Education in Genomics (ISCC)



<https://www.genome.gov/ISCC>

ISCC Project Groups: Not just talk

- **Inclusion in the Practice of Genomic Medicine** (Co-chairs: Shoumita Dasgupta, PhD; Tina Lockwood, PhD)
 - Exploring the impact of implicit biases towards disability during prenatal screening.
 - Goals:
 - Develop an implicit-association test and study degree of bias
 - Develop an educational module related to non-directive counseling
- **Pharmacogenomics** (Co-chairs: Andy Eugene, MD, PhD; Donna Messersmith, PhD)
 - Creating and/or re-purposing pharmacogenomics educational content and resources targeted to primary care providers (PCPs).
 - Goals:
 - Develop a database of cases
 - Develop educational YouTube videos
- **Direct-to-Consumer Genetic Testing** (Co-chairs: Kathy Blazer, EdD; Tracey Weiler, PhD)
 - Collecting and documenting existing DTC information resources, assessing need, and facilitating development of additional DTC educational resources for healthcare professionals and trainees.
 - Goals:
 - Collect existing resources
 - Conduct needs assessment survey

New ISCC Project Groups

- **New! Promoting and Supporting Diverse Health Care Professionals (Patients & Caregivers) through Inclusive Outreach and Engagement** (Yolanda Powell-Young and Carla Easter) – Room E1/E2
 - This new project group proposes to collaborate with organization and individuals who represent and support healthcare providers, patients, and caregivers from diverse populations. This group will also assist with the dissemination of ISCC generated resources to diverse communities.
- **New! Accredited Continuing Education (ACE) Project Group** (Steve Singer) – Room E1/E2
 - This project group will provide leadership to foster coordination and evolution of accredited continuing education approaches to address genomic medicine gaps for practicing health professionals and interprofessional teams. Key activities will include developing networking and leadership insights for ISCC members to collaborate with CE/CME educators, harmonizing and simplifying CE/CME planning and delivery, collaboration to address unmet educational needs, and dissemination of effective practices.

New project group ideas welcome!

The Compendium: Sharing ideas and resources

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45 Entries!

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).

Agenda

- *50 in-person participants*
- *23 calling-in*
- *Wireless: Connect to the NIH-GUEST-NETWORK*
- *Note: Project group meetings have individual WebEx virtual rooms/call-in numbers*

8:00 a.m. - 8:30 a.m.	Set-up and Breakfast
8:30 a.m. - 9:00 a.m.	Welcome and Introductions
9:00 a.m. - 9:15 a.m.	NHGRI Education Updates - Division of Policy, Communications, and Education
9:15 a.m. - 10:15 a.m.	Extramural Programs and Medical Education
10:15 a.m. - 11:15 a.m.	Keynote: Eliseo J. Pérez-Stable, M.D., Director of the National Institute on Minority Health and Health Disparities (NIMHD) at the National Institutes of Health (NIH): “Genomics Education, Minority Health and Health Disparities”
11:15 a.m. - 11:45 a.m.	General Discussion, including ideas for new Project Groups
11:45 a.m. - 12:45 p.m.	Lunch/Networking
12:45 p.m. - 2:45 p.m.	Project Group Meetings (in individual rooms)
2:45 p.m. - 3:45 p.m.	Project Group updates
3:45 p.m. - 4:30 p.m.	General discussions and suggestions for ISCC

