

# NSGC State of the Society

*Amy Sturm, MS, LGC  
President*

# Happy Anniversary to us!

National Society of  
Genetic   
Counselors

*Celebrating* **40** *Years*  
1979 - 2019

# A Year of Major Milestones!

- 5,000 Certified Genetic Counselors
- 50 Accredited training programs



# Our Mission and Vision

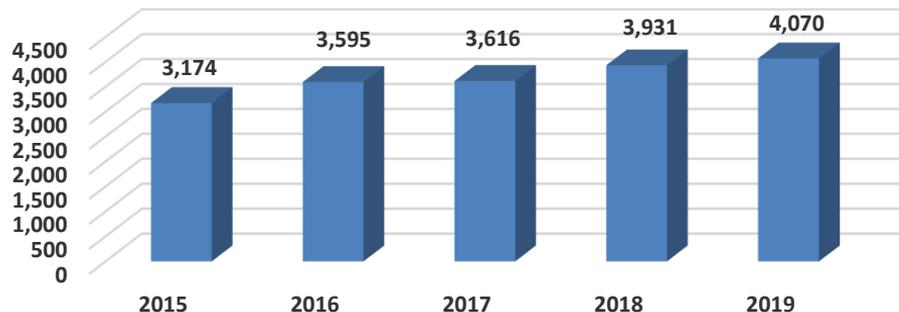
- Mission
  - The National Society of Genetic Counselors advances the various roles of genetic counselors in health care by fostering education, research and public policy to ensure the availability of quality genetic services.
- Vision
  - Integrating genetics and genomics to improve health for all.

# NSGC At-a-Glance

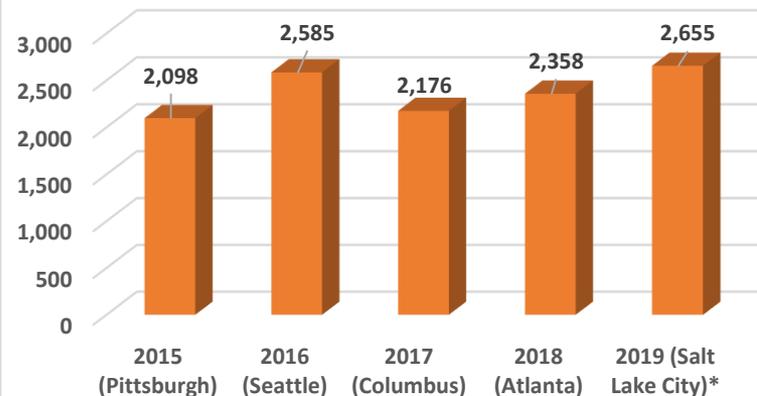
- 4,000+ members
- 22 Special Interest Groups (SIGs)
- Official liaison relationships with over 25 organizations
- 1,000+ member volunteers
- Countless opportunities to get involved

# Membership and Conference Growth

NSGC Membership 2015-2019

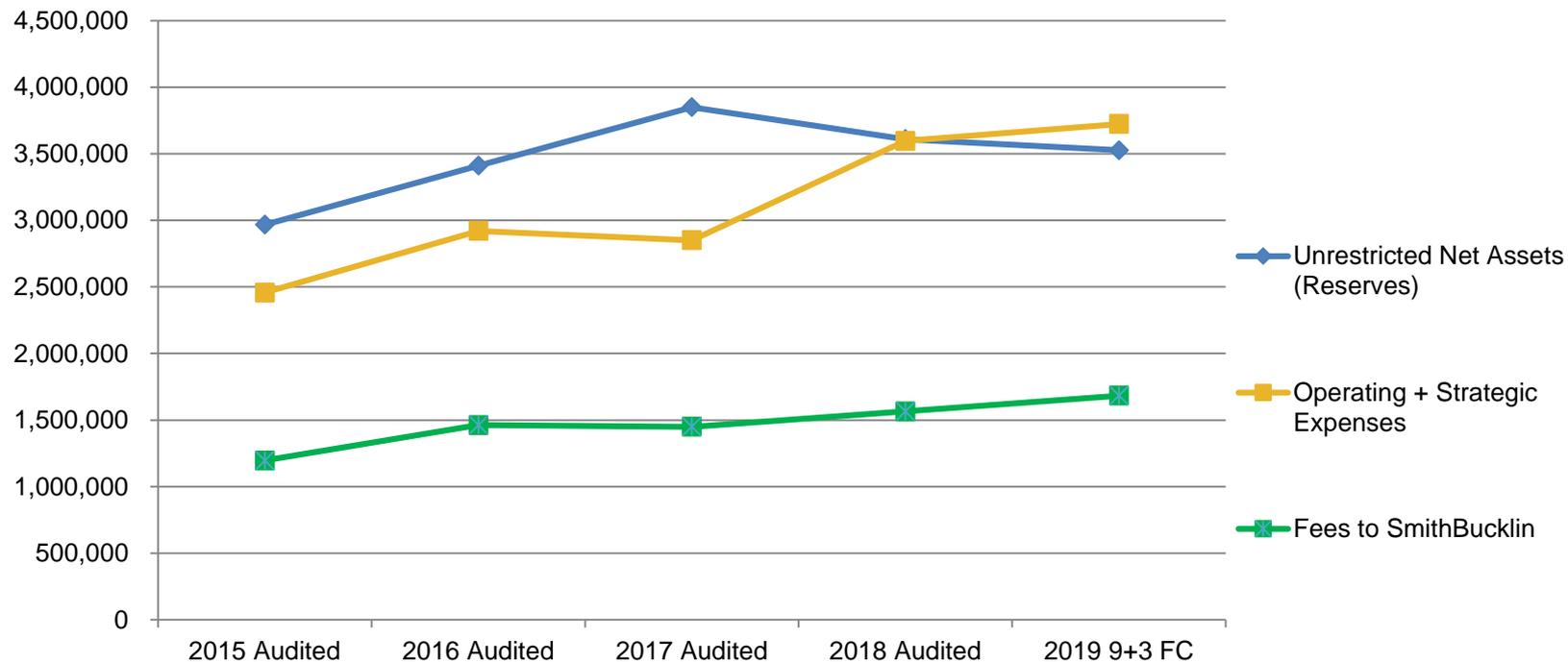


Annual Conference Registration 2015-2019



*\*Registration as of November 6, 2019*

# NSGC 5-Year Financial Trends



# 2019 – 2021 Strategic Plan

*Supporting the growth of our profession*



# National Society of Genetic Counselors 2019-2021 Strategic Plan



**SERVICE  
DELIVERY**



**ACCESS TO  
GENETIC  
COUNSELORS**



**RESEARCH**



**DIVERSITY AND  
INCLUSION**

# Ensuring access to high value services

## Goals:

Increasing awareness and access

Collaborative, and expanding, care delivery models

Individual identification

Practicing at top of scope



The graphic features a blue header with the title 'National Society of Genetic Counselors 2019-2021 Strategic Plan' and a collection of icons including gears, a target, a DNA helix, a lightbulb, a handshake, a document, and a bar chart. Below the header is an orange section with the heading '1 SERVICE DELIVERY' and the text 'Deliver the highest-value genetic services to meet specific consumer needs'. An illustration shows a doctor and a counselor standing next to a laptop displaying a video call. The footer is blue with the National Society of Genetic Counselors logo.

**National Society of Genetic Counselors  
2019-2021 Strategic Plan**

**1 SERVICE DELIVERY**  
Deliver the highest-value genetic services to meet specific consumer needs

National Society of  
Genetic  
Counselors

## Increasing Awareness and Access

- *Pathways to Genetic Counselors* Task Force
- Goals:
  - **Develop a broad tool** to increase the frequency and consistency with which individuals who will derive greatest benefit from speaking to a genetic counselor are identified
  - **Promote increased and appropriate access** to genetic counselors across specialties, settings, and communities

# NSGC Pathways to Genetic Counselors Task Force

- Jehannine Austin, Chair
- Barb Biesecker
- Emily Edelman
- Adam Buchanan
- Cathy Wicklund
- Melanie Myers
- Altovise Ewing
- Stephanie Cohen
- Debbie Cragun
- Kiley Johnson
- Maggie Miller
- Randa Newman
- Hetal Vig

# Expanding our Outreach and Impact

- Academy of Oncology Nurse & Patient Navigators
- ABGC
- ACGC
- ACOG Committee on Genetics
- American Council of Life Insurers
- ACMG
- AGCPD
- All of Us
- American College of Surgeons Commission on Cancer
- American Heart Association
- American Society of Breast Surgeons
- ASCO CancerLINQ
- ASHG
- Association of Community Cancer Centers
- Bassett Center for BRCA
- BCBSA Evidence Street
- CAGC
- CDC
- Community Oncology Alliance
- EveryLife Foundation
- FORCE
- Genetic Alliance
- Government Accountability Office
- Hastings Center
- Heart Rhythm Society
- HRSA Advisory Committee on Heritable Disorders in Newborns and Children
- Huntington Disease Society of America
- Imerman Angels
- LUNgevity
- National Academies of Sciences Roundtable on Genomics and Precision Health
- National Accreditation Program for Breast Centers
- National Advisory Council for Human Genome Research
- National Colorectal Cancer Roundtable
- National Consortium of Breast Centers
- National Down Syndrome Society
- NHGRI
- Lettercase
- Personalized Medicine Coalition
- Prenatal Genetic Testing Consortium
- Society of Gynecologic Oncology



# What's coming in 2020?

- ***Business Cases for Genetic Counselors***
  - Promote hiring, utilization, and retention of genetic counselors in diverse work settings
  - Assess financial value proposition for including genetic counselors in patient care
  - Provide business tools for you to use in your workplace to support hiring and resource allocation that will allow you to practice at the top of your scope



## National Society of Genetic Counselors 2019-2021 Strategic Plan



### 2 ACCESS TO GENETIC COUNSELORS

Engage payers to increase access to genetic counselors

116TH CONGRESS  
1ST Session

## H. R. 3235

To amend title XVIII of the Social Security Act to provide for expanded coverage of services furnished by genetic counselors under part B of the Medicare program, and for other purposes.

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### IN THE HOUSE OF REPRESENTATIVES

JUNE 12, 2019

Mr. LOEBSACK (for himself and Mr. KELLY of Pennsylvania) introduced the following bill, which was referred to the Committee on Energy and Commerce, and in addition to the Committee on Ways and Means, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

---

## A BILL

To amend title XVIII of the Social Security Act to provide for expanded coverage of services furnished by genetic counselors under part B of the Medicare program, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

### SECTION 1. SHORT TITLE.

This Act may be cited as the "Access to Genetic Counselor Services Act of 2019".

### SEC. 2. MEDICARE COVERAGE OF GENETIC COUNSELING SERVICES.

(a) IN GENERAL.—Section 1861 of the Social Security Act ([42 U.S.C. 1395x](#)) is amended—

(1) in subsection (s)(2)—

(A) by striking "and" at the end of subparagraph (GG);

(B) by adding "and" at the end of subparagraph (HH); and

(C) by adding at the end the following new subparagraph:

"(II) covered genetic counseling services (as defined in subsection (kkk)(1));"; and

(2) by adding at the end the following new subsection:

"Covered Genetic Counseling Services



# Advocacy in Action

## Sponsors and Co-sponsors

Sponsors: Representatives  
Loeb sack (IA-D) and Kelly (PA-R)

Co-sponsors as of October 29:

- Rep. Brian Fitzpatrick (PA-R)
- Rep. David Joyce (OH-R)
- Rep. Pete King (NY-R)
- Rep. Harley Rouda (CA-D)
- Rep. Terri Sewell (AL-D)
- Rep. Steve Stivers (OH-R)
- Rep. Eric Swalwell (CA-D)

## Op-Ed Published in *The Hill*



**Genetic counselors save health care dollars when involved in the testing process**

BY AMY STURM, OPINION CONTRIBUTOR — 10/15/19 05:30 PM EDT  
THE VIEWS EXPRESSED BY CONTRIBUTORS ARE THEIR OWN AND NOT THE VIEW OF THE HILL

6 COMMENTS

## Day on the Hill with ABGC



# Scrolling list of signatories

## POLICY & PUBLICATIONS

ABOUT GENETIC COUNSELORS

FIND A GENETIC COUNSELOR

NEWS & INSIGHTS

PATIENT RESOURCE SITE

POLICY & PUBLICATIONS

MEMBER CENTER

### H.R. 3235: Documents to Support Advocacy

To support efforts to enact H.R. 3235, NSGC has posted the following documents to help members become successful advocates in support of this bill. NSGC asks that members share the Patient/Family/Friends and Physician letter links, below, with their patients, family, friends, and colleagues.

NSGC will be asking members to contact their member of Congress, and these documents should be utilized. In order to be strategic, some members will be asked to contact the healthcare staff of your Representative directly, and others will be asked to email the office. The goal is to bring attention to the issue without becoming a nuisance to the congressional staff.

If you are meeting members of Congress in person, please contact [advocacy@ngsc.org](mailto:advocacy@ngsc.org) for additional information.

Please utilize the following resources to get started:

- [Find your member of Congress](#)
- [H.R. 3235](#)
- [H.R. 3235 Summary](#)
- [H.R. 3235 Organization Sign-On Letter and Signatories](#)
- Send a Letter to Your Congressional Representative:
  - [Genetic Counselors](#)
  - [Patients/Family/Friends](#)
  - [Physicians](#)
- [Genetic Counselor Background](#)
- [Leave Behind](#)
- [Draft Endorsement Letter](#)

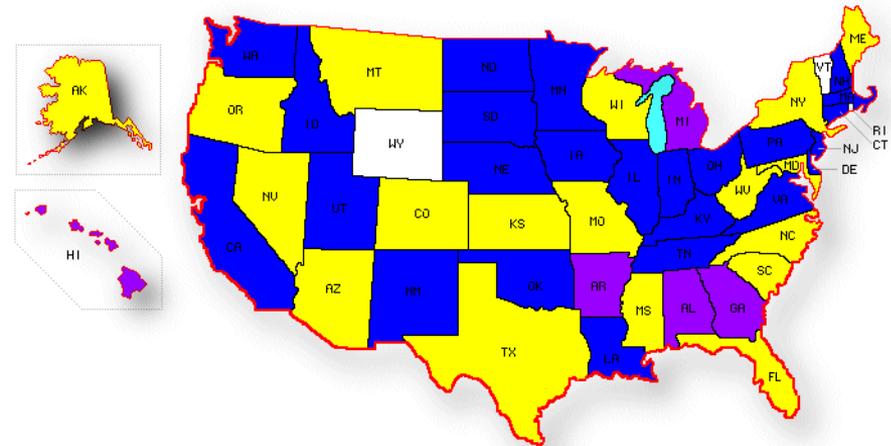
# How can you help?

# State Licensure

- 29 states with licensure
  - Four new states passed bills since last Annual Conference
  - Most other states in process
- Ongoing investment in licensure grant awards
  - Maintaining funding level of \$80K to support ongoing success
  - Canadian provincial efforts eligible to apply

States Issuing Licenses for Genetic Counselors

- - States w/ Licensure
- - States in Progress
- - States in Rulemaking



# What's coming in 2020?

- Continue building co-sponsorship
- Request Congressional Budget Office (CBO) score
- Possible Senate companion bill
- Continued progress with state licensure
- Increased focus on payer outreach
  - Ongoing research into value
  - Professionally packaging our message
  - Proactive payer engagement



## National Society of Genetic Counselors 2019-2021 Strategic Plan



### RESEARCH

Accelerate research to expand the evidence base for genetic counselor services and value-based care

## Expanding NSGC's Research Capacity and Impact

- NSGC Research Task Force Goals:
  - Establish NSGC Research Agenda
  - Identify research priorities
  - Recommend infrastructure
  - Demonstrate value

# NSGC Research Task Force

- Leigha Senter, Chair
- Megan Cho
- Jill Dolinsky
- Stephanie Harris
- Erin Linnenbringer
- Ian MacFarlane
- Vivian Pan
- John Quillin
- Julia Wynn

# Research Task Force Recommendations

- **Research Framework & Research Agenda**
- **Develop NSGC Research Infrastructure**
  - Advance the NSGC Research Agenda
    - Perform research into identified priority questions
  - Foster development of a research consortium that could collect standard data elements across genetic counseling specialties
  - Build research capacity among our membership
- Establish a **Research Committee** to steward the NSGC research strategy and agenda, and genetic counselor research

# NSGC Research Framework

## Access

What are the barriers to and facilitators of access to genetic counseling (GC) services?

### GC Clients

What predicts access to and benefit from genetic counseling?

### GC Process & Outcomes

What are the efficacious components and outcomes of genetic counseling services?

### Value of GC Services

How do we define value for genetic counseling services?

# Research Agenda: Twenty Key Questions

## Genetic Counseling Clients

1. What clinical, psychological, behavioral and/or social factors predict need for and/or benefit from genetic counseling?
2. Are there specific times in an individual's life cycle where genetic counseling is more beneficial (e.g. globally by life milestones or before diagnosis and testing, immediately after, some period after)?
3. What clinical, psychological, behavioral and/or social factors are associated with health disparities as they pertain to genetic counseling and testing?

## Genetic Counseling Process and Outcomes

4. What are the common and specific elements of genetic counseling models and what are the critical/most efficacious components of these models?
5. How do we enable GCs to practice more effectively and at the top of their scope (e.g. using EMRs, GC assistants/extenders, video information, questionnaire, chatbots)?
6. How does the changing landscape of access to testing impact genetic counseling models and scope?
7. What are and how do we measure the psychological, behavioral, medical, interpersonal, and economic outcomes of genetic counseling?
8. Which genetic counseling interventions and approaches promote positive psychological, behavioral, medical, interpersonal, economic (and/or other) outcomes and mitigate negative outcomes?

# Research Agenda: Twenty Key Questions

## Value

9. How do we define value in genetic counseling? What are the relevant variables and components of the value equation?
10. What are the quality differentiators within delivery of genetic counseling services?
11. What is the value added of services provided by a genetic counselor (compared to no GC or a non-GC provider)? [This will be important to assess in non-direct patient care roles as well]
12. How do licensure and payer coverage policies impact quality of services provided (to patients, health systems, and communities), billing and reimbursement, healthcare costs, and other policies?
13. What is the impact of genetic counseling on the quality and cost of downstream health care?
14. What are the costs incurred and costs avoided resulting from delivery of genetic services by a genetic counselor?

15. What are the comparative costs and benefits of different genetic counseling service delivery models?
16. How do consumers weigh the relative value of genetic counseling against other healthcare costs?

## Access

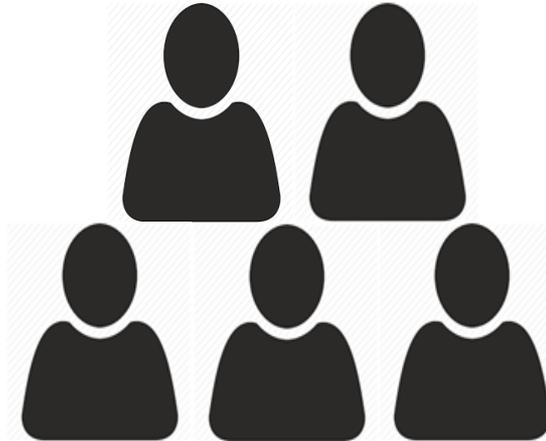
15. Which policies reduce barriers/promote access to genetic counseling services and how?
16. What are the barriers/facilitators to providing genetic counseling services to minority and medically underserved populations?
17. What are the common pathways and referral patterns to genetic counseling?
18. How does the changing landscape of access to genetic testing impact the entry points to genetic counseling services?

# NSGC Research Consortium

## Institutional



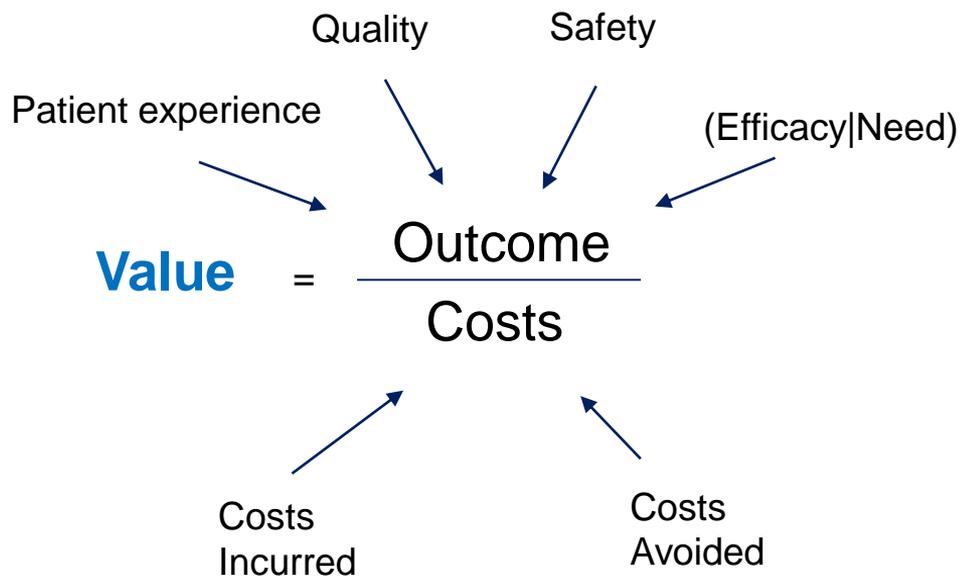
## Individual



- Agree to collect a common set of PROMs
- Agree to document relevant details about counseling provided
- Agree to share data

# Vision

*A thriving, growing, well-recognized profession whose value is proven.*





## National Society of Genetic Counselors 2019-2021 Strategic Plan



### **DIVERSITY & INCLUSION**

Promote diversity and inclusion in the profession  
to expand access for all

### **Diversity & Inclusion Task Force**

Co-Chairs Aishwarya Arjunan and Julia Platt

### **NSGCares Task Force**

Co-Chairs Jay Flanagan and Sarah Noblin

# Diversity & Inclusion Task Force



**Kaitlyn Brown**



**Kara Bui**



**Aishwarya Arjunan**  
Co-chair



**Julia Platt**  
Co-chair



**Nadine Channaoui**



**Mitch Cunningham**



**Priscila Delgado  
Hodges**



**Tracey Grant**



**Ambreen Khan**



**Kristal Platt**



**Bruce R. Haas**



**Hebbah Sayed-Ahmad**



**Nicole Thompson**



**Chani Wiesman**



**Kami Wolfe Schneider**

## ABOUT NSGC

ABOUT GENETIC COUNSELORS

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NEWS & INSIGHTS

PATIENT RESOURCE SITE

POLICY & PUBLICATIONS

MEMBER CENTER

### The Leading Voice for Genetic Counselors

#### Our Mission

The National Society of Genetic Counselors (NSGC) promotes the professional interests of genetic counselors and provides a network for professional communications. Access to continuing education opportunities, professional resources, advocacy and the discussion of all issues relevant to human genetics and the genetic counseling profession are an integral part of belonging to the NSGC.

- **Mission:** The National Society of Genetic Counselors advances the various roles of genetic counselors in health care by fostering education, research, and public policy to ensure the availability of quality genetic services.
- **Vision:** Integrating genetics and genomics to improve health for all.

#### Our Future

View the 2019 - 2021 [NSGC Strategic Plan](#).

#### Our Statement of Diversity, Equity and Inclusion

A guiding principle of the National Society of Genetic Counselors (NSGC) is to integrate genetics and genomics to improve healthcare. As a society, we can only meet this goal by promoting the active participation and leadership of people with diverse identities, perspectives, and backgrounds. Starting within our organization and extending into the larger healthcare system, we seek to empower our members to advocate for themselves, each other, and the diverse people we strive to serve.

##### History and Responsibility

We know that a diverse and inclusive organization does not build itself, but must be created through sustained effort by leadership, staff, and each individual member. We acknowledge the history of genetic differences being used and misused to justify stark injustices and reinforce social inequalities. Within the membership and leadership of NSGC, we do not yet have adequate representation or inclusion of minority identities, a disparity that has influenced our policies and services. We are responsible for learning from the past in order to pursue equity in our profession.

[Advocates for Underrepresented People](#)

# NSGC Statement of Diversity, Equity, and Inclusion

# What to expect in 2020

- Establishment of a Diversity, Equity, and Inclusion (DEI) Advisory Group
- DEI consultant to work with Advisory Group and develop organizational plan
- Recommendations and preliminary implementation of Universal Design
- DEI survey to launch and take place at regular intervals
- Establishment of a central source for communicating information and opportunities to be involved with NSGC DEI activities, as well as a place for feedback to be provided
- Unconscious Bias online course (launching late 2019)
- Continued DEI content at our Annual Conference



*Supporting the genetics community*

# NSGCares Task Force

- Jay Flanagan, Co-chair
- Sarah Noblin, Co-chair
- Kaitlyn Amos
- Melanie Baxter
- Beth Denne
- Sam Hyde
- Amy Swanson
- Kathleen Valverde





## Vision Statement

*NSGCares embodies a foundation of community and compassion that is inherent in the work and spirit of genetic counselors. NSGCares is committed to engaging NSGC members, genetic counselors and students in efforts to cultivate our inclusive community, support our colleagues, and connect with our patient and consumer networks.*

# Our Community in Action



Angel's Hands Foundation



# NSGCares Structure and Framework

## Annual Conference

- RARE Bears and onsite volunteer opportunities (such as a local partnership)
- Ambassador Program



## Year-Round Activities

- Opportunities to assist following a request
- Provide recommendations on member-wide issues regarding the profession (e.g. burnout)
- Highlighting work members are doing in their local communities
- Promoting other NSGC activities that relate to community-building and/or supporting members



# External Communications/PR Highlights

*Promoting our profession*

**As of October 2019, our public relations efforts have resulted in:**

**168**

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Total media placements

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**259 MM**

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Audience reach of placements

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# Media Placements

THE  
HILL

Genetic counselors save health care dollars when involved in the testing process



The New York Times

Parade

YAHOO!  
LIFESTYLE

Mashable

Forbes

The Boston Globe

STAT

THE  
WALL STREET  
JOURNAL

COSMOPOLITAN

The Washington Post

n p r

BUSINESS  
INSIDER

Medium

# NSGC Digital Ambassadors #NSGCGenePool



Previvor Day 10/2 AVAILABLE NOW

A Very Moving Read! The review of this book...  
...on the author's personal journey...  
...of genetic testing...  
...and the impact it has on her life...

**Amy Byer Shainman**  
@BRCAresponder Follows you

Education - Advocacy - Support  
#BRCA #hereditarycancer Advocate- Author - Producer  
@pinkandbluedoc @GenC\_SM  
Consulting Producer

Following



**WATERSHEDDNA**.com

**Brianne Kirkpatrick**  
@GCBrianne Follows you

Genetic counselor & DNA consultant for ancestry testing & family searches -  
[WatershedDNA.com](#) - Coauthor of #DNAguideforAdoptees

Following



#IamAliveAndKickn  
A Hereditary Cancer Foundation

**AliveAndKickn**  
@AliveAndKicknDD Follows you

AliveAndKickn.org, #IamAliveAndKickn HEROIC registry 4 #lynchsyndrome #genetic predisposition to #coloncancer, #endometrialcancer, other #cancer #soccer

Following



The Gene Machine

**Bonnie Rochman** ✓  
@brochman Follows you

Out now @FSGbooks! The Gene Machine: How Genetic Technologies Are Changing the Way We Have Kids...@PublishersWkly ☆ review. Health/parenting scribe. Mom.

Following



**Christina Lizaso**  
@btrfly12 Follows you

I build community. Patient Voice, Power of Story believer. Tweets: Cancer, Clinical Trials, Volunteerism, Gender, #patientchat. Co-mod #gynscm. CHEK2 previor

Following



**Ellen Matloff**  
@EllenMatloff Follows you

Certified #GeneticCounselor and President & #CEO of @MyGeneCounsel. Contributor @Forbes. #digitalhealth #femalefounders #gcchat #genscm #genetics #STEM

Following

# NSGC Digital Ambassadors #NSGCGenePool



**Dee Sparacio**  
@womenofteal Follows you

spread education and awareness in your community

#ovca survivor; research advocate; blogger; co-moderator #gynscm chat; co-author 100 Q&A about Ovarian Cancer; #OncoAlert Network; Opinions are my own



**Rebekah Moore MS LGC**  
@GeneticsRebekah Follows you

#IAmAGeneticCounselor for personal & family hx of cancer @clevelandclinic | Tweets are my own & are not medical advice | #NSGCGenePool #GCchat 🧬👨👩👧👦



**Emily Fassi**  
@EmilyFassi Follows you

genetic counselor. excited by the future.



**Muin J. Khoury**  
@MuinJkhoury Follows you

Physician, Epidemiologist, Geneticist, Public Health Professional. Passionate About Using Science to Improve Health for All. Views= My own. Links≠ Endorsements



**Chicago Genetics**  
@chicagogenetics Follows you

Providing personalized and compassionate genetic consultation services  
#geneticcounselor



**Dr. Jehannine Austin**  
@J9\_Austin Follows you

Genetic Counselor, Professor & Canada Research Chair. Executive Director of BC Mental Health & Addx Research Institute. she/her

# NSGC Digital Ambassadors #NSGCGenePool



**Kira Dineen**  
@KiraDineen Follows you

#Podcast Host of @DNApodcast @Addent\_Inc @InsightSays  
#GeneticCounselor In Training #gcchat #podcaster #genetics

Following



**Marleah Dean Kruzel, PhD**  
@marleahdeank Follows you

Associate Professor @USouthFlorida. PhD in #HealthComm. #BRCA  
#HereditaryCancer #PtExp #bcm #GeneticCounseling #NSGCPool

Following



**Lisa M Guzzardi, RN**  
@LguzzardiM Follows you

#PatientAdvocate providing up to date research for 3K+ consumers @ risk & clinicians #JournalClub #bcm #gynscm #PancChat #BRCA #hereditarycancer #NSGCGenepool

Following

# NSGC Blog



**Chimerism Explained: How One Person Can Unknowingly Have Two Sets of DNA**



**Black History Month: Bearing the torch of equity as an African-American genetic counselor and scientist**



**How to Protect Your Mental Health When Genetics Make You Vulnerable**



**Managing the Unexpected: Prepare for What Prenatal Screening May Reveal**

# Social Media

20,616

Combined Facebook,  
Twitter and LinkedIn  
audience of members,  
media and consumers

53%

Year-over-year  
increase from the  
third quarter of 2018

National Society of Genetic Counselors  
June 14 · 🌐

We're excited to announce that the "Access to Genetic Counselor Services Act of 2019" (H.R. 3235) was introduced in the U.S. House of Representatives. The bill would authorize The Centers for Medicare and Medicaid Services to recognize certified genetic counselors as healthcare providers, improving Medicare beneficiaries' accessibility to genetic counselors. <http://bit.ly/2leO8HI>

**Support**  
**Access to Genetic**  
**Counselor Services**  
**Act of 2019**  
H.R. 3235

National Society of  
Genetic  
Counselors

👍❤️🤯 908  
21 Comments 366 Shares

# NSGC's Consumer Podcast



# *Journal of Genetic Counseling*



**Christina Palmer, MS, PhD, CGC**  
**Editor-in-Chief**



**Melanie Myers, MS, PhD, CGC**  
**Deputy Editor**



**Robin Grubs, PhD, MS, CGC**  
**Associate Editor**

**Genetic Counseling Theory, Methods, & Practice**  
**Melody Menezes, GDipGenetic Couns, PhD (2018 - )**  
**Kami Wolfe Schneider, MS, CGC (2018 - )**  
**Heather Zierhut, MS, PhD, CGC (2018 - )**

**Public Health, Public Policy, and Access & Service Delivery**  
**Adam Buchanan, MS, LGC (2018 - )**  
**Myra Roche, MS, CGC (2018-2019)**  
**Stephanie Cohen, MS, LCGC (2020 - )**

**Education and Genetics Professional Workforce Issues**  
**Angela Trepanier, MS, CGC (2018 - )**

**Ethical, Legal, and Social Issues**  
**Laura Hercher, MS, CGC (2018 - )**  
**Lisa Parker, PhD (2018 – 2020)**  
**Maureen Smith (2020 - )**

**Risk Assessment**  
**Toni Pollin, MS, PhD, CGC (2018 - )**

# Section Editors

# *2018 Journal of Genetic Counseling Data*

- Manuscript submission and processing is strong
  - 143 papers published (assigned doi)
  - 283 new submissions (23.6/mth)
  - 262 papers decisioned: 110 papers accepted for publication = 42%
- Impact of journal is increasing
  - 2-YR Impact Factor is 2.440 (2017 IF: 1.698)
  - 2,378 total citations of JOGC articles (increased by 35.9% from 2017)
- Ranking among journals has increased
  - Social sciences, biomedical: ranks 10 out of 45 journals (2017 rank: 17)
  - Health policy & services: ranks 25 out of 81 journals (2017 rank: 43)
  - Genetics & heredity: ranks 100 out of 174 journals (2017 rank: 128)

# 2018 Journal of Genetic Counseling Highlights

- Special Issues

- Examining the Exome: guest edited by Allyn McConkie-Rosell, Robert Resta, and Jennifer Sullivan: Published April 2019.
- Minority and Health Disparities in Research and Practice in Genetic Counseling and Genomic Medicine: guest edited by Vivian Ota Wang, Lila Aiyar, and Nadine Channaoui, anticipated publication early 2020

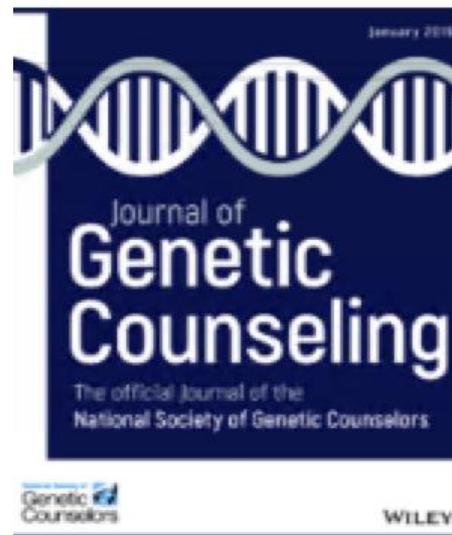
- 3rd Annual JOGC Best Trainee Paper Award (papers accepted for publication in 2018):

- **Hannah E. Ison** from Indiana University School of Medicine for her paper: *“The impact of cardiovascular genetic counseling on patient empowerment”*
- **Trishna Subas** from Stanford University for her paper: *“Evolving decisions: Perspectives of active and athletic individuals with inherited heart disease who exercise against recommendations”*
- **Sarah Caldwell** from the University of Cincinnati/Cincinnati Children's Hospital Medical Center for her paper: *“Development and validation of the Genetic Counseling Self-Efficacy Scale (GCSES)”*
- **Megan Nathan** from Stanford University for her paper: *“Genetic counselors' and genetic counseling students' implicit and explicit attitudes toward homosexuality”*

# *Journal of Genetic Counseling 2019*

## New Publisher – Wiley

- New Journal website
- New cover
- New Issue Highlights section
- Enhanced promotion of publications
- New app for viewing journal content



# *Journal of Genetic Counseling*

## 2019 Best Trainee Paper Awards

### **Hannah Ison**

- Ison H, Ware, SM, Schwantes-An T-H, Freeze S, Elmore L, Spoonamore KG. The impact of cardiovascular genetic counseling on patient empowerment. JOGC 2019;28:570–577

### **Trishna Subas**

- Subas T, Luiten R, Hanson-Kahn A, Wheeler M, Caleshu C. Evolving decisions: Perspectives of active and athletic individuals with inherited heart disease who exercise against recommendations. JOGC 2019;28:119–129

### **Sarah Caldwell**

- Caldwell S, Wusik K, He H, Yager G, Atzinger C. Development and validation of the Genetic Counseling Self-Efficacy Scale (GCSES). JOGC 2018;27:1248–1257

### **Megan Nathan**

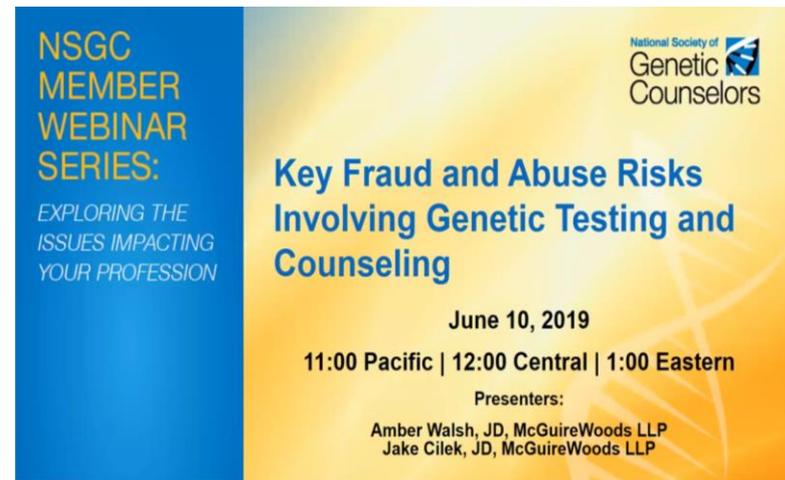
- Nathan ML, Ormond KE, Dial CM, Gamma A, Lunn MR. Genetic counselors' and genetic counseling students' implicit and explicit attitudes toward homosexuality. JOGC 2019;28:91–101

# **NSGC at Work**

*Supporting our members*

# Addressing Current Issues

- Resources in response to your questions and concerns
  - Medicare fraud webinar
  - Research funding webinar
  - *All of Us* webinar
  - Life insurance webinar
    - (in process)

A graphic for the NSGC Member Webinar Series. It features a blue vertical bar on the left with white and yellow text, and a yellow-to-orange gradient background on the right with white and blue text. The NSGC logo is in the top right corner of the right section.

**NSGC  
MEMBER  
WEBINAR  
SERIES:**  
*EXPLORING THE  
ISSUES IMPACTING  
YOUR PROFESSION*

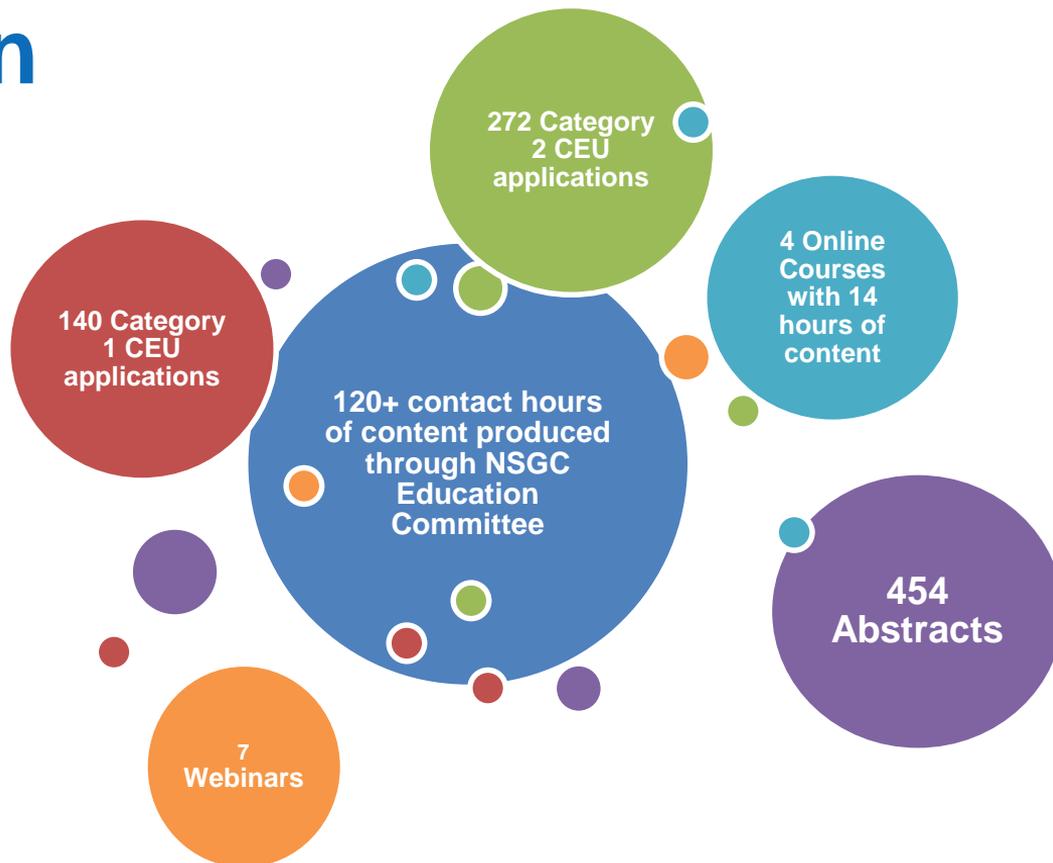
National Society of  
Genetic  
Counselors

**Key Fraud and Abuse Risks  
Involving Genetic Testing and  
Counseling**

June 10, 2019  
11:00 Pacific | 12:00 Central | 1:00 Eastern

Presenters:  
Amber Walsh, JD, McGuireWoods LLP  
Jake Cilek, JD, McGuireWoods LLP

# 2019 Education by the Numbers



# Resources for your Practice

- SIGs – up to 22 this year!
- Tools for Your Practice
  - Digital Tools for Genetics Professionals
  - Consumer-Driven Genetic Testing Primer Deck Resource
  - Professional Issues webinars
  - Model credentialing policies
  - Coding Corner

**MEMBER CENTER**

ABOUT GENETIC COUNSELORS  
FIND A GENETIC COUNSELOR  
NEWS & INSIGHTS  
PATIENT RESOURCE SITE  
POLICY & PUBLICATIONS  
MEMBER CENTER

### Tools for your Practice

Enhance your knowledge and utilize shared resources developed by NSGC and its members.

#### Clinical Practice Resources

**Cardio Pocket Guide**

- A quick reference to determine if a patient needs a cardiovascular genetic evaluation.

**Consumer-Driven Genetic Testing Primer Deck Resource**

- A resource to help genetic counselors educate healthcare providers in their communities about consumer-driven genetic testing.

**Cholesterol Evaluation to Explore Risk Screening Intervention Manual**

- A resource that can be used when educating patients about familial hypercholesterolemia. This resource was developed by Jane Engelberg Memorial Fellowship (JEMF) recipient Heather Zehut, PhD.

**Digital Tools for Genetics Professionals**

- This compilation of digital tools is intended to act as a reference guide for medical professionals interested in utilizing information technology applications to facilitate their day-to-day clinical or other genetics-related duties. This document was developed by the Health IT SIG.

**Fetal Therapy Centers Directory**

- Fetal Therapy Centers Organized by State and is updated annually.

**Genetic Testing Resource Document**

- A resource to share with patients, payers, and fellow providers to help educate and inform others about critical points to consider throughout the genetic testing process.

**Genetic Test Review Membership Resource**

- A resource document created to help genetic counselors establish or enhance a genetic test review program. This document was developed by the Payer Subcommittee and Industry SIG.

**Master Genetic Counselor Series**

- The Master Genetic Counselor (MGC) Series, made possible through the generous support of the Jane Engelberg Memorial Fellowship, includes digital recordings of simulated genetic counseling sessions. The series is an exciting resource for practicing genetic counselors to use in a peer supervision setting or individually to promote reflective practice.



**TOOLS FOR YOUR PRACTICE**

Exclusive resources for your patients and you.

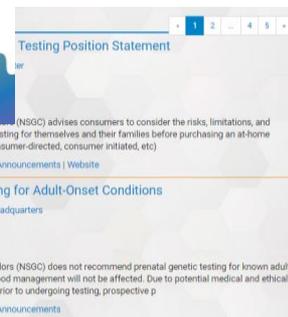
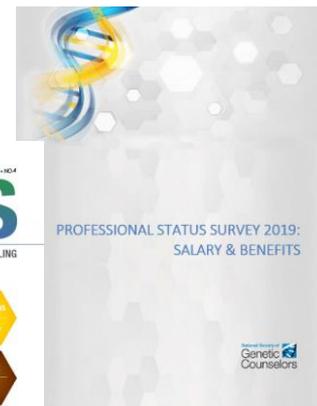
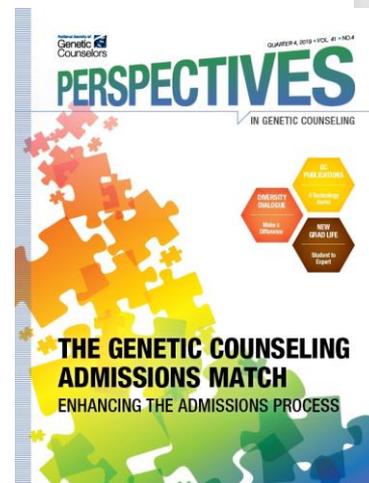


**PROFESSIONAL RESOURCES**

Demonstrate and promote your value as a genetic counselor.

# Developed by GCs for GCs

- Position Statements
- Practice Guidelines
- Practice Resources
- Professional Status Survey
- *Perspectives in Genetic Counseling*
- SIG-developed resources



# Stay up-to-date on your Society

- Monthly e-newsletters: Your source for all things NSGC!
  - Dates and Deadlines
  - *The Link*
  - *The Source*
  - *The Advocate*
- Committee recruitment opportunities
  - Posted on [www.nsgc.org](http://www.nsgc.org) and advertised in e-newsletters
  - In 2020, process will be centralized and coordinated to ease in identifying opportunities to volunteer



## NSGConnect

PROFESSIONAL CONNECTIONS TO ENRICH YOUR CAREER

### Engage with NSGConnect

Welcome! The NSGConnect program reflects NSGC's commitment to you and your professional development. This unique online networking and career development tool is designed to provide you with professional connections to enrich your career.

You can apply to the NSGConnect program in **four simple steps**:

- 1. Update Your Profile**

Complete your NSGCommunities [profile](#). Make sure your contact information is up to date, add a recent professional profile picture, expand on your bio and add your education and job history information. Having a complete and accurate profile is crucial to the success of selection and matching.

Profile complete? Return back to this page and move on to "Enroll as a Mentor or Mentee".
- 2. Enroll as a Mentor or Mentee**

Are you looking to be a mentor or mentee? Perhaps both? Sign up using the forms below:

[Enroll as a MENTOR](#)  
[Enroll as a MENTEE](#)

Make selections for each section of the form to set your preferences. Please note that some fields are required for enrollment. The more information you provide, the easier it will be to make the best match. Keep in mind in order to request a mentor, you must be enrolled as a mentee, and in order to request a mentee, you must be enrolled as a mentor. You may be enrolled as both a mentor and a mentee.
- 3. Search for Matches**

Use the Mentor and Mentee Directories to find available mentors and/or mentees.

[Find a MENTOR](#)  
[Find a MENTEE](#)
- 4. Connect with Mentors or Mentees**

Next click on the member's name that you're interested in establishing a mentor/mentee connection with. The link will bring you to their profile page. Look around. If you think it's a match, look under their profile image for the green (request as a mentor) or blue (request as a mentee) buttons, which when clicked will allow you to request your desired connection. If it's not a match, you can simply select the back button to return to your previous search results.

# Supporting each other throughout our careers

- Not only for early career GCs
- Connect to share or learn about:
  - Mutual interests
  - New opportunities/challenges
  - Peer support
  - Areas of specialization
  - Specific questions/coaching
  - Discussion of issues

# 2019 Outstanding Clinical Supervisor Award Winners



AGCPD  
Association of Genetic Counseling  
Program Directors



# Selection Process

- Each program with a graduating class is invited to select an outstanding clinical supervisor using criteria from established genetic counseling clinical supervision competencies
- Potential candidates are nominated by members of each graduating class with final selections made by the program upon reviewing nominees

# 2019 Award Winners

- ▶ In 2019, the second year of this award, 41 programs selected awardees
- ▶ Awardees represent a range of years experience across multiple specialties and across the U.S. and Canada



AGCPD

Association of Genetic Counseling  
Program Directors

# 2019 Outstanding Clinical Supervisors



**Alena Egense**  
University of  
Maryland



**Alexandra Bailey**  
University of South  
Carolina



**Amanda Laterza  
Ozarowski**  
Long Island University



**Anna Swenerton**  
University of British  
Columbia



**Ashley Kuhl**  
University of  
Wisconsin



**Audrey Norby**  
University of Michigan

# 2019 Outstanding Clinical Supervisors



**Blair Stevens**  
University of Texas  
Houston



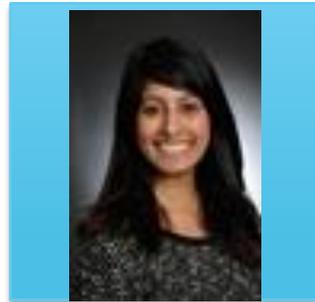
**Bojana Pencheva**  
Emory University



**Brittney Johnstone**  
University of  
Toronto



**Carolyn Haskins**  
University of  
South Florida



**Cecilia Goueli**  
University of Cincinnati



**Christy Stanley**  
University of North  
Carolina Greensboro

# 2019 Outstanding Clinical Supervisors



**Claire Hacking**  
Boston University



**Courtney Manning**  
Bay Path University



**Darcy Huismann**  
University of  
Oklahoma



**Darcy Thull**  
University of Pittsburgh



**Emily Soper**  
Icahn School of  
Medicine Mt. Sinai



**Jenina Capasso**  
Thomas Jefferson  
University

# 2019 Outstanding Clinical Supervisors



**Joan Steyermark**  
University of Minnesota



**Judy Jackson**  
Brandeis University



**Julie Cohen**  
Johns Hopkins University  
NHGRI



**Katelyn Swade**  
University of Utah



**Katherine Kim**  
Northwestern University



**Kathy Hall**  
University of California  
Irvine

# 2019 Outstanding Clinical Supervisors



**Katie Bergstrom**  
Sarah Lawrence College



**Kelly Jackson**  
University of Arkansas



**Larisa Rippel**  
Case Western  
Reserve University



**Laura Hendon**  
The University of  
Alabama Birmingham



**Laurel Calderwood**  
Stanford University



**Lauren Bogue**  
Indiana State University

# 2019 Outstanding Clinical Supervisors



**Laurence Baret**  
McGill University



**Lisa Ohden**  
Augustana-Sanford  
University



**Matthew Pastore**  
The Ohio State University



**Michelle Springer**  
University of Colorado



**Molly Ciarlariello**  
Rutgers University



**Nancy Cangany**  
Indiana University

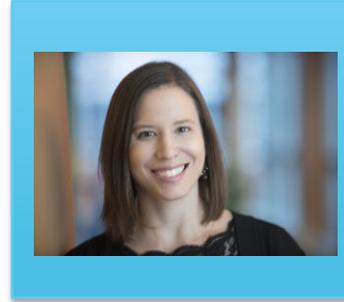
# 2019 Outstanding Clinical Supervisors



**Peggy Rush**  
Wayne State  
University



**Rachell Farrell**  
California State  
University Stanislaus



**Sara Reichert**  
Virginia Commonwealth  
University



**Shannon Chin**  
University of Manitoba



**Sue Moyer**  
Arcadia University

***“Only genetic counselors can impart to students the art and skill of genetic counseling. For those already supervising students, know that you are valued and appreciated by your trainees, your profession, your colleagues, and genetic counseling programs...***

*...For those who are not yet supervising, consider volunteering your skills, as it is critical that the percentage of genetic counselors who supervise increases for both the continued growth of the genetic counseling profession and the development of future genetic counselors. Just as important, recognize that supervision helps enhance reflective practice and contributes to personal professional development.”*

Catherine Reiser, MS, CGC (2019). Genetic counseling clinical supervision - A call to action. *Journal of Genetic Counseling*, 28, 727-729.

★ ★ ★ ★ ★  
**RAISING OUR VOICES,**  
**SHOWING OUR STRENGTH**



**Music City Center ★ Nashville, TN**

**NSGC 39TH ANNUAL CONFERENCE**

**NOV 17-20, 2020**

National Society of  
Genetic   
Counselors

# Thank you!

*For all that you do!*