

# Section on Genetics and Genomics

## Newsletter



### Section Chair:

**Ivana V. Yang, PhD, ATSF**

### Section co-Chair:

**Rachel Kelly, PhD, MPH**

### Section Officers

**Ann Wu, MD, MPH**

Nominating Chair/Past Chair

**Victor Ortega, MD, PhD, ATSF**

All Program Committee Representative

**Katrina A. Steiling, MD, MSc**

All Planning Committee Representative

**Emma (Kaity) Allen, PhD**

Web Director

### Section Committees

Nominating:

**Ann Wu, MD, MPH (Chair)**

**Brian Hobbs, MD**

**Max Seibold, PhD**

Program:

**Craig Hersh, MD, MPH**

**Victor Ortega, MD, PhD, ATSF**

Planning:

**Erick Forno, MD, MPH, ATSF**

**Jezreel (Jez) Pantaleon Garcia, MD**

Social Media:

**Rachel Kelly, MD, MPH (Chair)**

**Chris Rider, PhD**

**Katrina (Katie) Steiling, MD, MSc**

### Section Contact

Website

<https://www.thoracic.org/members/assemblies/sections/gg/>

Email:

[gg@thoracic.org](mailto:gg@thoracic.org)

Social Media:

Twitter: @ATS\_GG

Facebook: ATSSGandG

LinkedIn:

<https://www.linkedin.com/groups/13912138/>

### IN THIS ISSUE

**Message from the Assembly Chair .....1**

**Message from the Chair-Elect .....2**

**Nominating Committee Report .....2**

**Program Committee Report .....2**

**Planning Committee Report .....3**

**Web Committee Report .....4**

## Message from the Section Chair

Dear Section on Genetics and Genomics Members,

I am looking forward to seeing many of you in person this year at the ATS International Conference 2023 in Washington, DC. Programming line up of sessions that are of high relevance to our section membership, listed in the Program Committee update, looks great and I am excited to see the latest updates in our field.

In this inaugural Section newsletter, you will find updates on the progress of our committees. As you will see, we have been able to provide content and have a strong social media presence throughout the year with the help of our Web Committee. Our Planning Committee selected the second winner of the Section Early Career Investigator Achievement Award and our Nominating Committee had a wonderful slate of candidates for the 2023 Section Leadership elections.

I would like to express my sincere appreciation to all Section members for your hard work, talents, resilience, and kindness. It has been an honor to serve as your Chair this past year and I look forward to continued involvement with this amazing group of scientists, clinicians, educators, colleagues, and friends. A special thank you to the SGG Executive Committee and Javier Guzman from the ATS who have helped me so much.

Please mark your calendars to attend the **Section Membership Meeting on Monday, May 22 11:45am-1:15pm**. We will feature panel speakers, **Drs. Weiniu Gan, PhD (NHLBI) and David Kaufman, PhD (NHGRI)**, who will give us an update on NIH initiatives in genetics, genomics, and multi-omics. Our business meeting will follow. We will celebrate our accomplishments, congratulate our award winner, review section progress, and look to the future with our new Section leaders. Please make sure to bring junior colleagues and trainees, as we are looking for new members for our Section committees. I look forward to passing on the Section leadership to Rachel Kelly, MD, MPH, Assistant Professor at the Channing Division of Network Medicine at Brigham and Women's Hospital and Harvard Medical School. Rachel is a familiar face to all of you, given her extensive involvement in the Section over the years. I cannot think of a more capable and enthusiastic leader to take on this role next year!

Please continue to share feedback and ideas with us, reach out to our committees and our Section leadership anytime. Thank you again for the wonderful opportunity of serving as the Section Chair.

Sincerely,

**Ivana V. Yang, PhD, ATSF**

## Message from the Section Chair-Elect

Rachel Kelly, PhD, MPH

I am very honored to be taking over the Chair position from Ivana. Ivana has done an incredible job of leading the section over the last year and I hope to continue her new initiatives and excellent work! I come from a background of metabolomics and my primary goal for this year is to increase the visibility of all omic data types, not just genomics, and to continue to elevate integrative omic research. I see the section as the perfect forum for new connections and collaborations across different omics disciplines; enabling us to learn from each other, develop new methods and ultimately foster novel integrative thoracic research. I am also passionate about increasing the diversity and engagement of the section membership and I am excited to work together with our amazing executive committee, with Javier and with all of you over the next year to make this a reality!

## Nominating Committee

Ann Wu, MD, MPH (Chair)

We are excited to announce the results of our elections at the Section Business Meeting. Please join us!

### Section on Genetics and Genomics Membership Meeting

**Time:**  
**Monday, May 22, 2023**  
**11:45am-1:15pm**

**Location:**  
**Renaissance Hotel, Ballroom Level, Rockcreek Ballroom A**



American Thoracic Society  
ASSEMBLIES

**GET INVOLVED!**

Want to know how the ATS Assemblies and Committees really work?  
Would you like to get more involved?

This is your chance! You can now register here to become more involved in the ATS Assemblies, ATS Committees or both. There are many ways to grow within ATS and the Assemblies and Committees are a great starting point.

[www.thoracic.org/go/get-involved](http://www.thoracic.org/go/get-involved)

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## Program Committee

Craig Hersh, MD, MPH

Victor Ortega, MD, PhD, ATSF

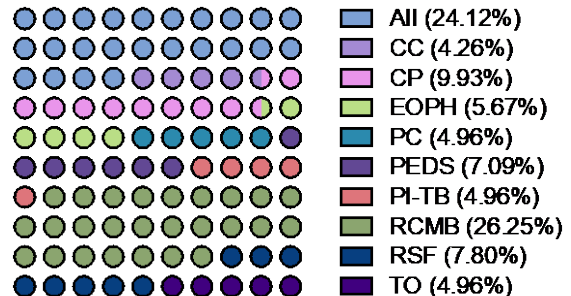
Our goal is to supervise the long-term planning efforts of the Section by promoting development of current and future projects, as well as fostering academic and non-academic collaborations. Here, we want to invite you to visit many of the SGG-related featured content at ATS 2023: including at least **33 sessions [Program]** and **141 abstracts [Download]** from a wide array of assemblies and topics.

American Thoracic Society 2023 International Conference Section on Genetics and Genomics Washington, DC - May 19-24, 2023	
<b>33</b>	<b>Sessions</b>
2	Basic Science Core
1	Critical Care Track
5	Mini Symposium
4	Outside Organization Session
7	Poster Discussion Session
1	Postgraduate Course
4	Scientific Symposium
9	Thematic Poster Session
<b>141</b>	<b>Abstracts</b>
3	Acute Lung Injury, ARDS
3	Allergy
21	Asthma
2	Autoimmune Lung Disease
4	BPD & Congenital Pediatric Lung Diseases
33	COPD/Emphysema/C. Bronchitis/AAT Def.
1	Cystic Fibrosis
25	Diffuse Parenchymal Lung Diseases
10	Lung Cancer, Thoracic Oncology
10	Lung Infection (Non-Mycobacterial)
1	Multiorgan System Failure
1	Non Pulmonary Critical Care
2	Occupational, Environmental Health
5	Structure, Function and Basic Biology
7	Right Ventricular/Pulmonary Vasculature
3	Sepsis
5	Tobacco/Nicotine/Marijuana Abuse
3	Transplantation
2	Tuberculosis, NTM

## Planning Committee

Erick Forno, MD, MPH, ATSF

Jezreel (Jez) Pantaleon Garcia, MD



SGG Abstracts per Assembly in ATS 2023

This year at ATS 2023 International Conference, we are very proud to announce **Dr. Matthew Moll**, from Brigham and Women's Hospital, as the recipient of our **Early Career Investigator Achievement Award**. Dr. Moll's leading contributions are in the application of polygenic and transcriptomic risk scores in COPD, and he will be presenting a summary of his work at our Section Membership Meeting on Monday, May 22 11:45am-1:15pm at the Renaissance Hotel, Rockcreek Ballroom A (Ballroom Level).

If you have suggestions for projects or proposals related to our section (awards, working groups, project applications, funding, and more) and you need assistance, please contact us at [JPantaleon@mdanderson.org](mailto:JPantaleon@mdanderson.org) and [Erick.Forno@chp.edu](mailto:Erick.Forno@chp.edu) directly.

### Submit an ATS Project Application for Funding in FY2024!

We are happy to announce that ATS will once again accept **NEW Assembly/Committee Projects for FY2024**. All interested applicants should begin developing their ideas for Assembly/Committee Project Applications.

**Applications will be available on the ATS website at [www.thoracic.org](http://www.thoracic.org)**

Please consider submitting an application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your **Section Planning Committee Chairs!**

For questions regarding submissions please contact  
Miriam Rodriguez

Tel: (212) 315-8639 or email: [Mrodriguez@thoracic.org](mailto:Mrodriguez@thoracic.org)

## Web Committee

Emma (Kaity) Allen, PhD  
Rachel Kelly, PhD, MPH

Our goal for the Digital Content for the Section on Genetics and Genomics has been to highlight the amazing work of our members and also to highlight work that may be of interest or useful to our members. To meet this goal, we have many initiatives that we have been updating including Journal Clubs, Webinars, Podcasts, Featured Researchers, Publication Spotlight, and all of our Social Media accounts.

This year, we have been busy with Journal Clubs including two recent ones on metabolomics and genetic variants functionally contributing to IPF. We are planning a Podcast with the experts on metabolomics and the issues faced with analyzing such large datasets. We have had a two-part webinar series on Health Disparities in Genomics research that has lead to incredible discussions throughout ATS and has prompted a Podcast series that will be published in 2023. The group who planned these initiatives also has a Scientific Symposium at this year's ATS Conference to discuss in more detail the issues caused by Health Disparities in Genomics Research. Please let us know if you have a paper that you would like highlighted as a Journal Club or a topic of interest for Webinars or Podcasts!

We have added a new category to our Featured Researcher to include Early Career Researchers, focusing on a description of the lab, goals, and whether there is any recruitment happening. Our current Early Career Researcher being featured is Dr. David Boyd from UC Santa Cruz! Please check it out and make sure to nominate colleagues to be featured. This is a great space to highlight the exciting research of our Section members and to help foster collaboration within SGG and throughout ATS.

Since our last ATS Conference, SGG has highlighted ten publications in the Publication Spotlights on the front page of our website. If you are in the process of having a paper accepted and would like it to be shared with the Section, please contact us! We love sharing the research from our members!

Our Social Media team has been spreading the word about all the exciting research being carried out by our SGG members. We tweet papers, events, and highlights every day to keep the Section up to date. Also, we have continued to increase membership of our Linked In and Facebook groups. We post regularly about new research, events, webinars, podcasts, new articles and updates from the society. If you have any suggestions for digital content for our section, please contact Kaity at [emma.allen@stjude.org](mailto:emma.allen@stjude.org).

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