

The Society for Glycobiology

Dr. Pamela A. Marino



2022 Annual Meeting

OCTOBER 2–5, 2022
OMNI AMELIA ISLAND RESORT • AMELIA ISLAND, FL

Society for Glycobiology

Objectives of the Society for Glycobiology

To promote knowledge, encourage research and stimulate personal communication in an inter-disciplinary sense, using as the common meeting ground an interest in the complex carbohydrates of glycoproteins, glycolipids, and glycosaminoglycans and the biological systems in which they are found.

The Society has recently developed official: Scientists for Peace; Social Equity; Diversity Equity & Inclusion; and Code of Conduct statements. These can be viewed on their website <https://www.glycobiology.org/>

Society for Glycobiology

Who are our members?

- The bulk of the ~600 members of the SfG are basic researchers (trainees to early-career investigators, & established professors).
- Given the paucity of training programs in glycoscience most of the SfGs members moved into this field from other disciplines (their research programs lead them into Glycoscience).
- Formal training in the glycosciences is now supported by NIGMS (T32) and NHLBI (K12). These programs, along with several institutional (and international) training efforts are now building a cadre of Postdoctoral fellows trained directly in the glycosciences

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Member Participation in FASEB

- **Pamela Marino**, SFG Rep, FASEB Board of Directors (appointed 7/1/21).
- **Nancy Dahms**, Past President, SFG Rep, FASEB Executive Officers Advisory Committee (2021).
- **Natasha Zachara**, SFG Rep, FASEB Excellence in Science Awards Committee (2020-2023).
- **Pamela Stanley**, SFG Rep, FASEB Membership Committee (term ended June 30, 2022).
- **Hudson Freeze**, SFG Rep, FASEB Science Policy Committee (2020-2023).
- **Christopher West**, SFG Rep, FASEB Science Research Conferences Advisory Committee (2020-23).
- **Gerardo Vasta**, SFG Rep, FASEB J Editorial Board.
- **Hud Freeze, Jerry Hart, Pamela Stanley** SFG Rep, FASEB BioAdvances Editorial Board

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Developments, National & International Outreach

- The SfG shares research interests with numerous (Immunology, Virology, Microbiome, Microbiology, Cancer, Neurobiology, Carbohydrate Chemistry, Vaccines, Rare Disease, Informatics, Cell Signaling, etc) other fields of research. Partners with several societies (ASBMB, AAI, CFG) in support of joint meeting sessions.
- The SfG is a sponsor for the ASBMB meeting “O-GlcNAc regulation of cellular physiology and pathophysiology,” July 7-10, 2022 in Athens, Georgia.
- The SfG will host the Consortium for Functional Glycomics, and the NHLBI K12 Glycobiology Training Program meetings as satellite sessions to their 2022 Annual SFG Meeting this October.
- A new agreement for the exchange of scientific sessions was reached between the SFG & the International Glycoconjugate Organization (2022 SfG & 2023 IGO meetings).

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SfG's current priorities

- A mentoring program for trainees (annual meeting).
- A session 'NIH Support for the Glycosciences,' to include both NIH review, & program staff from various NIH Institutes (annual meeting).
- The Society has also formed an Education Committee to address the need for 'on line' course materials in the glycosciences.

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Recent success/achievement

The pandemic forced the SfG into virtual meetings. This past November the society was able to hold its annual meeting in a hybrid format with strong 'in person' attendance especially among early and mid-career investigators. The hybrid format allowed for even greater participation in this annual meeting.

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Biggest challenge faced by the society

- Expanding membership.
- Raising awareness of the impact of the field (especially with grant review panels).

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- **How can FASEB better support the SfG?**
- Opportunities for collaborative meetings with other societies who share interests (such as the July ASBMB meeting) are welcome.
- The SfG needs advocates for designated training programs in the glycosciences.
- Continue to be actively engaged with NIH to ensure a smooth transition to compliance with new rules on research data availability and storage.
- Continue FASEB's monthly information & resource support Leadership exchange with member societies. Add more resources (like DataWorks) to help the society deal with new requirements from funding agencies, & help is also needed with meetings (staffing & reinforcing a safe meeting environment).

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How does FASEB membership benefit SfG?

It provides the SfG visibility, and opportunities to work with other Societies who share interests and common goals & provides valuable help with information and resources for conferences .

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Questions?