



**American Chemical Society ACS Fall 2023
Committee on Nomenclature, Terminology, and Symbols (NTS)
Hybrid Meeting
San Francisco, CA August 14, 2023**

NTS Report
NTS Committee Member Adam Sturlaugson
August 21, 2023

Sioux Valley Local Section:

The spring meeting of the ACS Committee on Nomenclature, Terminology, and Symbols took place on August 14th at 10am (PDT). I attended virtually over Zoom as a member of the committee, which consists of fifteen members, four associate members, an ACS Committee on Committees liaison, and an ACS staff liaison. The chair for this year's committee is Dr. Hayley Brown. The mission of the committee is to educate, facilitate, and advocate for the use of chemical representations that support universal understanding of chemistry. NTS strives to fulfill its mission through three goals:

Goal 1: Achieve a common language of chemistry by educating its practitioners.

Goal 2: Facilitate the interaction of chemists to implement appropriate chemical representations.

Goal 3: Advocate for the use of a common language of chemistry.

Other general information about NTS can be found at our website:

<https://www.acs.org/about/governance/committees/nomenclature-terminology-symbols.html>

The meeting consisted of reports from various working groups of the committee, each linked to a specific goal as set by the NTS strategic plan. A summary of these reports is as follows:

- To help educate the broader chemical community, NTS has cosponsored a symposium at this fall meeting. It was cosponsored with the Division of Analytical Chemistry and was entitled: *Advances in Measurement Science Lectureship Awards*. The committee continues to seek opportunities to cosponsor symposia at ACS meetings.
- NTS has been working to develop a set of American Sign Language signs for the chemical elements, compounds, reactions, and other chemical terminology. After delays due to COVID-19, the project is ready for filming of the signs once students return to the campus where the filming is planned.
- NTS has been collaborating with the Braille Authority of North America (BANA) to develop appropriate tactile graphics for chemical terminology. The project is largely done and (still) awaiting BANA approval.
- NTS reviews and provides feedback to IUPAC on their provisional recommendations. So far this year, one recommendation on the definition of the pnictogen bond was reviewed.
- The next strategic planning meeting is slated for January 2024 in Washington, D.C. Potential agenda items for that meeting were discussed and include: a recommendation for standardization of definitions in general chemistry textbooks, outreach and education opportunities, and the impact of AI on the field of nomenclature, terminology, & symbols.

If you have any questions about NTS, or my participation in the committee. Please let me know. Thank you.

Submitted Respectfully by,

Adam Sturlaugson