

Illinois Science Teaching Association

Winter 2023 Newsletter

Who we are!

The **vision** of the Illinois Science Teaching Association (ISTA) is to establish ISTA as a resource for science education so that all students are scientifically and technologically literate, responsible and productive citizens.



Science in the News

[Providing Teachers with Feedback that Fosters Growth](#)

[6 Components of Effective Math Games](#)

[Many parents don't know when kids are behind - Are report cards telling enough?](#)

[Report highlights disparities in rural schools](#)

[A dynamic biointerface controls mussel adhesion](#)

[AI improves weather prediction, and cutting emissions from landfills](#)

[Inflammation in the brain linked to aging and cognitive decline](#)

[Floating factories of artificial leaves could make green fuel for jets and ships](#)

[Cosmic blast seared Earth's atmosphere from 2 billion light-years away](#)

[During Pregnancy, a Fake 'Infection' Protects the Fetus](#)

[House Commission to Study Feasibility of Solar Arrays on Highway Medians](#)

[Delhi AQI: Can artificial rain fix toxic air in smoggy capital?](#)

Congratulations!

To the 2023 Illinois Outstanding Science Teachers!



Ramon Gutierrez

Second grade teacher
Paul Revere Elementary School
Cook County School District 130



Melissa Ramirez

6th-8th grade science teacher
Virgil I. Grissom Elementary School
Chicago Public Schools



William "Bill" Kane

9-12 Science teacher
Lockport Township High School
East Campus
Lockport Township High School
District 205

[Join NSTA in Denver](#)

NSTA National Conference

March 20-23, 2024

For more information or to register

<https://www.nsta.org/national-conference-science-education-denver-2024>



[NASA - April 8, 2024](#)

[NSTA - The Upcoming Solar Eclipse](#)

[NASA - Solar Eclipse Educational Resources](#)

[American Astronomical Society](#)

[Share with ISTA](#)

Want to share something in our Newsletter? Please contact secretary@ilscience.org.

News From NSTA

Curious about teaching with cases? We'd like to invite you to explore NSTA's premier case study collection from the former NCCSTS. The cases are free and open access [NCCSTS Case Studies | NSTA](#). A one-year, \$30.00 subscription is required for access to the teaching notes and answer keys [Case Studies Subscription | National Science Teaching Association \(nsta.org\)](#).

You will need a free/guest NSTA membership [NSTA - National Science Teaching Association](#). Our cases are written by teachers, class tested and double-blind reviewed. Teachers and students find them well written, interesting and a great learning tool.



March 1-2, 2024 at Downers Grove North High School

<https://sites.google.com/view/2024scienceinstitute/home>

[Check out ISTA at:](#)

<https://ilscience.org/>

FaceBook - Illinois Science Teaching Association

Twitter - @ILSciTeaching