



Join Us at the 2025 HASTI Conference: Embracing the Future Together

Craig Williams



Abstract

On behalf of the HASTI Board of Directors, 2025 HASTI Conference Chairman Craig Williams shares some information about the theme and plans for the next HASTI Conference at Noblesville High School, February 15-17, 2025.

The conference committee has been busy putting together the 2025 HASTI Conference, Embracing the Future Together, at Noblesville High School on February 15-17. A few months ago, we asked for proposals related to the future: the future of science teaching, the future of sustainability, the future of STEM, the future of cross-curricular instruction, and the future of literacy in the science classroom.

We asked, and did you ever answer! Talk proposals came in covering these strands from almost every angle possible. Attendees at the 2025 HASTI Conference will be able to learn about...

- Using biotechnology, aquaponics, and more to solve global agricultural problems
- Exploring alternative energy sources such as tidal power and biofuels
- Using unique cross-curricular pedagogical approaches, such as place-based learning, STEM travel, service learning, and Project Based Learning
- Integrating children's literature and science fiction into the science classroom
- Teaching students how to detect misinformation and think critically about big issues such as climate change
- Using techniques such as gel electrophoresis and the study of environmental DNA
- Teaching students about computer science, data literacy, and AI
- And much, much more!

Full listing of authors and contacts can be found at the end of this article.

We are excited about a new opportunity this year: the Purdue K-12 Science Outreach Team is putting on a workshop entitled "Gamification in the Science Classroom: Let's have some fun!" There will be an orientation session, followed by a game playing session. The other part of the day participants will attend concurrent HASTI sessions. Then, these teachers will receive board games to take with them back to their classroom! You can sign up for this workshop when you register for the conference, and you can do this workshop either Sunday morning or afternoon, or Monday morning or afternoon.

There are also two field trips you can choose when you register. On Saturday, you can go to the Girl Scouts STEM Experience Center and experience their Virtual Motorsport Racing Simulator. You will design aspects of the vehicle, then test drive it on a virtual track. On Monday afternoon, we bring back a past favorite: the IU anatomy lab tour. On this field trip, you can learn about the cardiovascular system and the digestive system, as well as their use of Advanced 3D Touch technology.

Finally, we will have sessions for participants to interact with each other, visit the exhibit hall, meet in discipline-specific sections meetings, and attend share-a-thon sessions in both physical and life sciences. Bring your own board game night is back, on Sunday at our conference hotel, Courtyard at the Marriott. On Sunday we will hear from Purdue geophysics professor Andrew Freed, and on Monday we will celebrate the recipients of HASTI awards.



Published by the Hoosier Association of Science Teachers, Inc. (<https://hasti.org/>) ISSN 2475-451x

© Williams, 2024. **Open Access** This journal is distributed under the terms of the Creative Commons Attribution NonCommercial NonDerivative 4.0 International License (<http://creativecommons.org/licenses/by-nc-nd/4.0/>), which permits unrestricted use, distribution, and reproduction without revision in any non-commercial medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license.

Registration for the conference is open at hasti.org, and if you require hotel accommodations, you can find hotels with group rates at the bottom of the registration page. Remember, the conference itself will be at Noblesville High School. We hope you join us in February as we Embrace the Future Together!

[Click HERE to Register for the 2025 HASTI Conference](#)

Author

Craig Williams (craig.williams@nwesc.k12.in.us) is the current Past President of HASTI and will chair the 2025 Conference. He teaches Physics at Northwestern H.S. in Kokomo, IN.

2025 HASTI Conference *Embracing the Future Together.*

February 15-17, 2025

Noblesville High School

