



The Hoosier Science Teacher

Vol. 46, No. 2, 2023

ISSN 2475-451x



Coshow, 2017

THST is an Open Access peer-reviewed journal published by the
Hoosier Association of Science Teachers, Inc. <https://hasti.org>

HASTI 
Hoosier Association of Science Teachers, Inc.



The Hoosier Science Teacher

Volume 46, No. 2, December 2023

Editorial Team

Editors-in-Chief

Teddie Phillipson-Mower, *Indiana University, Bloomington, Indiana*,

Copy Editor

Tom J. McConnell, *Ball State University, Muncie, Indiana*

Editorial Board

Tina Harris, *Marion High School, Marion, Indiana*

Lisa C. Kern, *Avon High School, Avon, Indiana*

Brooke Stewart, *South Central Junior High/Sr. High School, Elizabeth, Indiana*

Robyn Coffman, *Lakeview Middle School, Warsaw, Indiana*

James E. Hollenbeck, *Indiana University Southeast, New Albany, Indiana*

Lu Wang, *Indiana University Kokomo, Kokomo, Indiana*

Adam Scribner, *Indiana University Bloomington, Bloomington, Indiana*

Spencer Perry, *Indiana University Bloomington, Bloomington, Indiana*

Craig Williams, *Northwestern High School, Kokomo, Indiana*

Joel Bryan, *Ball State University, Muncie, Indiana*

Terry Hebert, *Indiana University South Bend, South Bend, Indiana*

The Hoosier Science Teacher is looking for volunteers to serve on the Publications Committee. If you are interested, please email thst@hasti.org

Do you have an image to contribute for a THST cover?

The editors invite readers to submit cover images - photos or artwork are accepted. Image must be submitted in .jpg format, with a resolution at least 140 dpi. Larger dimensions are better.

You can use the [Submission Page](#) to upload your cover image, and the editors will select images for future covers. All photos used for the covers are credited to the owners.

Cover Image, THST Vol 46, no. 2:

Totality-ish. (2017) Susan Coshov, South Bend, IN. CC 2.0 BY-NC
<https://flic.kr/p/XYS6uV>

THST invites you to apply to be a reviewer on the Editorial Board. Potential reviewers can register for an account on the THST website:

[Register for THST Account](#)



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

© HASTI. 2023. THST is a peer-reviewed Open Access journal produced as part of the IU ScholarWorks system, Indiana University, Bloomington, Indiana, USA.



The Hoosier Science Teacher

Volume 46, No. 2, December 2023

Editorial Team

Contents

The President's Paragraphs: Notes from HASTI's President	
Preparing for the Eclipse	1
Craig Williams	
Column: Elementary Explorations	
Eclipses, Earth and Space Science	3
Kristen Poindexter	
Special: Video Article	
Preparing to View the 2024 Total Eclipse Safely: A Video Article	5
Tom J. McConnell	
Engaging Diverse Communities in a Community Science Fair	6
Justin Hougham, Brad Bessler, Joey Zocher, & Walter Sams	
The Great Hole in the Sky: Solar Eclipse, Radio Science and a Vision for Student Engagement	12
Joachim H. Ladwig	
Ocular Hazards Associated with Eclipse Viewing	17
Arthur Bradley & Todd Peabody	
Calendar of Events	25
HASTI Board of Directors	
Freebie Page: Free Resources for Teachers	27
HASTI Board of Directors	
Open Call for Papers	28
THST Editors	

