



The 1175th meeting of the New England Botanical Society will be held
Friday, 2 February 2024, at 7:00 PM ET via Zoom.



**“Connecting the Vasculature in Leaves and Woody Stems:
Auxin Biosynthesis and Transport in Trees”**

Dr. Rachel Spicer
Associate Professor of Botany, Connecticut College, New London, CT

PLEASE READ:

- 1) **THIS PRESENTATION WILL BE VIRTUAL ONLY:** The link to join this Zoom Monthly Meeting is reoccurring and is below.
- 2) **DR. SPICER’S ABSTRACT:** When woody plants shed old leaves and produce new ones, the veins of the leaves must connect to a pre-existing vascular system in the main trunk. How does this happen? In this talk, Dr. Spicer will present our current understanding of this process using hybrid poplar as a model system, with a special emphasis on the role of the plant hormone auxin. Using a combination of tools from molecular biology, analytic chemistry, and traditional microscopy, we will visually dissect a tree from the shoot tip where leaves emerge (*i.e.*, the shoot apical meristem) and down into the stem where wood is formed. She will also highlight some of the most pressing questions in this field, including rates of auxin turnover, and whether auxin is involved in the diversity of wood structure that we see today.
- 3) **FUNDING OPPORTUNITIES OPEN (DEADLINE 1 FEBRUARY 2024):** One does not need to be an NEBS member to apply. **Please share this information with eligible applicants.**
 - **NEBS JUNIOR FACULTY AWARD** – Applications are accepted from early-career academic faculty at any college or university in New England. Full requirements and application instructions can be found on the [Junior Faculty Award](#) web page. Please note that there is no longer a tenure-track requirement for eligibility for this award. It is now open to those in their first 5 years as a new academic member at a post-secondary teaching institution in New England.
 - **NEBS LES MEHRHOFF BOTANICAL RESEARCH AWARD(S)** – Full details for project requirements and application instructions can be found on the [Les Mehrhoff Botanical Research Award](#) web page. Summaries of past funded reports are posted.
 - **NEBS GRADUATE STUDENT RESEARCH AWARD(S)** – Each year NEBS awards several thousands of dollars in support of botanical research conducted by graduate students. Full details for proposals and supporting letters can be found on the [Graduate Student Research Award](#) web page. Abstracts for previous recipients can also be found on this web page.

- 4) **2024-2025 NEBS SLATE:** The Slate for 2024-2025 Council proposed by the Nominating Committee will be sent in a separate email later and is posted now on the [What's New](#) webpage. The vote will be taken at the Annual Meeting on 1 March 2024.
- 5) **NEXT NEBS MEETING:** On Friday, March 1, 2024, Dr. John Daigle, Professor of Forest Recreation Management, School of Forest Resources, University of Maine, Orono, ME, will speak on *“Building a Community of Interest and Response to an Invasive Species Threatening Maine's Ash Trees and Wabanaki Cultural Lifeways.”* This meeting will be at Harvard University and on Zoom.
- 6) **NEBS UPDATED PROGRAM CALENDAR FOR 2023-2024:** Please check the [Upcoming Meetings](#) webpage and the full Program Calendar for up-to-date details of the next four meetings. In particular, please save Saturday, June 15, for an all-day “away meeting” on Martha’s Vineyard in association with Polly Hill Arboretum. Preliminary details are on the website.
- 7) **VIDEOS of PAST PRESENTATIONS:** Please see [Past Meetings](#) for videos of past lectures.
- 8) **MEMBERSHIP RENEWALS ARE DUE:** [Renew or Join for 2024 Here!](#) If you know of others who might be interested in our organization, please forward this link.

The next Council meeting will be 31 January 2024 from 6:00-7:00 PM ET via Zoom.

ZOOM INVITATION FOR NEBS MONTHLY MEETINGS

Topic: NEBS Monthly Meeting

Date and Time: First Friday of the month at 7:00 PM Eastern Time

Join Zoom Meeting

<https://zoom.us/j/98845538584>

Meeting ID: 988 4553 8584

One tap mobile

+19292056099,,98845538584# US (New York)

+13017158592,,98845538584# US (Germantown)

Dial by your location

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 988 4553 8584

Find your local number:

<https://zoom.us/j/98845538584>

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Cambridge, MA 02138-2020

Membership Renewal: Sara Helm-Wallace
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NEBS WEB SITE: <http://www.rhodora.org/>
[New England Botanical Society Brochure](#)

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Upcoming Meetings
[Webpage Link to Program Calendar](#)

[Mission and Vision Statements](#)
[Strategic Goals for 2020-2025](#)