



The 1182nd meeting of the New England Botanical Society will be held
Friday, 6 December 2024, at 7:00 PM ET in Haller Lecture Hall (room 102),
Geological Museum, 24 Oxford St., Harvard University,
Cambridge, MA, **and via Zoom**



**“Patterning the Meristem - Development and
Evolution of the Floral Ground Plan”**

by

**Dr. Min Ya, NSF Postdoctoral Fellow in Biology
University of Connecticut, Storrs, CT**

PLEASE READ:

- 1) **THIS PRESENTATION & MEETING WILL BE IN-PERSON & VIRTUAL:** This meeting will be **in person** at Harvard University, but it will also be a **hybrid presentation using Zoom**. The link to join our Zoom Monthly Meetings will be reoccurring and is below. Also below is information on the free parking arrangements (4PM-9PM) that we have made for our members who plan to attend in person.
- 2) **DR. MIN YA ABSTRACT:** All flowers start as a dome of stem cells, the floral meristem (FM). Although floral morphological diversity is seemingly infinite, the developmental trajectory of every organ in a flower is determined at initiation: a floral organ has a particular final form, because it was produced by the FM at a certain developmental time point and at a certain position. The FM determines the identity, number, position, and timing of initiation of all the organs in a flower, a blueprint that is often referred to as the Bauplan. Proper establishment of the Bauplan is essential for the reproductive success of a plant, and variations in the Bauplan lay the foundation for floral morphological diversity. My scientific passion is to understand the molecular developmental mechanisms of FM regulation that underline Bauplan evolution and variation. Specifically, this lecture will focusing on the genetic and molecular framework that generates variation in two major aspects of the Bauplan: 1) timing variation in FM termination, and 2) symmetry breaking in the FM.
- 3) **NEBS HERBARIA VOLUNTEER WORK DAY – FRIDAY DECEMBER 6:**
 - The [NEBS Vascular Plant Herbarium](#) will be holding a volunteer workday prior to the meeting on Friday, December 6. There will be plenty to do for people at all levels of experience. Workday will start at 10 AM and run until 5 PM. Please contact Curator Lisa Standley at lisa_standley@verizon.net by **Wednesday, December 4**, if you are interested in participating. ALL HELP WELCOME!
 - Volunteers wanting to do assorted curatorial tasks in the [NEBS Cryptogams Herbarium](#) are also welcome. Workday starts at 10 AM and ends at 5PM. Please contact Curator Elizabeth Kneiper at Ekneiper@aol.com by **Wednesday, December 4**, so that she can meet you in the HUH lobby to bring you to the Farlow Herbarium where the work session is held. WE WELCOME ALL HELPERS!

- 4) **HARVARD UNIVERSITY FREE PARKING LOCATION:** Our designated FREE parking lot is **the 52 Oxford St. Garage, near the intersection of Everett St. and Oxford St.** Parking in any other lot will likely lead to towing. At the booth at the entrance to the underground garage, please tell the attendant that you are with the New England Botanical Society. The [Interactive Harvard Campus Map](#) is useful for navigating around campus.
- 5) **FRIDAY PARKING ARRANGEMENTS:** Free parking for attendees will be from 4 PM to 9 PM on the Friday of the meeting.
- 6) **CALL FOR CONTRIBUTIONS TO CELEBRATE 125 YEARS OF RHODORA:** We invite you to contribute to this celebratory issue and to share this announcement with others. We are currently publishing Volume 125 of our beloved journal, culminating with an issue that celebrates our editors, contributors, and contents over those many years. Looking through back issues we've been struck by the breadth of topics covered and the importance of *Rhodora* in North American botany. For many of us, it was part of our early exposure to scientific research and the possibilities it presented. Please see [What's New](#) webpage for full details. **The deadline for submissions is December 15, 2024.**
- 7) **FUNDING OPPORTUNITIES OPEN 1 DECEMBER 2024 - 1 FEBRUARY 2025:**
 - **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** – 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** – 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.
- 8) **NEXT NEBS MEETING:** On Friday, January 10, 2025, we will have our annual members' "show and tell," raffle, and potluck dinner at Division of Fisheries and Wildlife's Cronin Building, 1 Rabbit Hill Road, Westborough, MA. Please start planning your short slide show and food preparations for the **"25th Triumphant Togetherness: Tantalizing Taxonomy, Tempting Treats, & Thrilling Treasures."** Donations of botanical books and other botanical items for the raffle are appreciated and some are already on hand. In Person Only.
- 9) **MEMBERSHIP RENEWALS ARE DUE:** [Please Renew Promptly for 2025 Here!](#) If you know of others who might be interested in our organization, please forward this link.

10) VIDEOS of PAST PRESENTATIONS: Please see [Past Meetings](#) for videos of past lectures, including November's symposium celebrating the Farlow Herbarium's 100th anniversary, which was recorded on HUH's YouTube Channel.

11) PROGRAM CALENDAR FOR 2025: Please check the [Upcoming Meetings](#) webpage and the full Program Calendar posted there for up-to-date details for upcoming meetings as they become available. Please save these dates on your calendar:

- **January 10, 2025**, is our 25th members' potluck dinner, raffle, and "show & tell" starting at 5:30 PM. Please start thinking about short presentations to share and start gathering donations of botanical books and other botanical items to contribute. In person only.
- **February 7, 2025**, is Dr. Robert Bertin, Professor Emeritus of Biology, College of the Holy Cross, Worcester, MA, speaking on "Two tales of floristic change in southern New England: orchids and northern species." Hybrid meeting.
- **March 7, 2025**, is Outgoing NEBS President Dr. Don Hudson speaking on "Forests, Fish, and a Botanist's Excursion into Riverine and Near Ocean Habitat Restoration" Hybrid meeting.
- **April 4, 2025**, TBA
- **May 2, 2025**, TBA, Held at Native Plant Trust's Garden in the Woods, Framingham, MA

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>

The next Council meeting will be held 18 December 2024 from 6:00-7:00 PM ET via Zoom.

New England Botanical Society
Harvard University Herbaria, 22 Divinity Ave.,
Cambridge, MA 02138-2020

NEBS Corresponding Secretary
Nancy M. Eyster-Smith
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Membership:
[Renew or Join Here!](#)

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

NEBS WEB SITE: <http://www.rhodora.org/>
[New England Botanical Society Brochure](#)

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