

Teacher Institute Day 2018

March 2<sup>nd</sup>, 2018

**Trees and Tech- Tree science careers for your students**

The tools that tree scientists use to study the natural world, are evolving. Discover the innovative ways that Morton Arboretum Scientists are utilizing current technology to study trees, plants and woody shrubs. Participate in science demonstrations, contribute to our new Podcast series for high school students, and learn how a future career in Tree Science, may be a fit for your students.

**Notes:** Limit 50.

**Recommended audience:** Educators grades 6th through 12.

**Continuing education:** (6 hours- 6 CPDHs)

**Program Outline:**

8:30 to 9:00 a.m.- Check In

9:00 to 9:05 a.m.- Welcome and Introduction

9:15 to 10:15 a.m.- Tree Science Stations: (Same or similar to STEM field trip Day)

- 3D Printing Root Modeling- Marvin or Jake
- Drone Demonstration- Lane
- Tree Breeding Station- Kim Lattier
- Tree Cores- Bethany

10:15 to 10:30 a.m.- Bathroom Coffee Break

10:30 to 11:30 a.m.- Podcast Overview and Question Brainstorm

11:30 to noon- Undergraduate Fellowship Program Overview

Noon to 12:30 p.m.- Lunch

12:30 to 3:00 p.m.- Hemispheric Photo Analysis with Christine Carrier

3:00-3:15- Reflection Activity for Students

3:15-3:30- Wrap Up and Evaluation

**Course number:** T102

**FEES AND ADMISSION:**

**Free;** Registration allows Arboretum admission

**SCHEDULE AND LOCATION:**

Friday, March 2, 2018, 9:00 a.m. to 3:30 p.m.

Thornhill Education Center

**REGISTRATION INFORMATION:**

***(Registration opens January 2, 2018)***

**ONLINE: REGISTER NOW**

**CALL: 630-719-2468 (or to be wait listed)**

**IN PERSON: Stop by the Visitor Center during open hours.**