

## THE YELLOW PAGES: FIELD TRIP SUGGESTIONS



**\*\* Children's Health Center at Duke University Medical Center** : Meet with a female pediatrician who cares for children with cancer and blood disorders (pediatric hematologist/oncologist) at Duke. Tour the Children's Health Center at Duke and tour a medical research lab to meet with some woman training to be physician scientists.

**Clean Energy Technology Center at NCSU** (beside McKimmon Center) : For information about the Solar House or tours, call **919-515-3480**. Plan to spend an hour touring the house and viewing an energy video. For more information including calendar and event information, visit <https://nccleantech.ncsu.edu/>

**Duke immersive Virtual Environment** : Visit DiVE to explore virtual reality at Duke University. See <http://virtualreality.duke.edu/> for more information.

**Duke Lemur Center** : Call **919-489-3364** a few weeks ahead of time to make a reservation, get directions, or obtain other information. Tours are by appointment only. See <http://lemur.duke.edu/> for schedule, fees and other information. Note: you cannot see the animals if the weather is too cold. Some GPS Systems may not provide accurate directions.

**Duke University Shared Materials Instrumentation Facility (SMIF) Tour**  
Tour the facility and learn about how our specialized equipment is used to advance many fields: engineering, environmental science, medicine, biology. Students can collect their own samples (bugs, pollen, dust, etc), and image them on a scanning electron microscope. SMIF is located right next to the Duke immersive Virtual Environment, making it convenient to visit both facilities on the same trip.  
<https://www.facebook.com/SMIFoutreach/>  
Contact Be'Ledda Dixon (be'ledda.dixon@duke.edu, 919-660-5492) to arrange a visit.

**Morehead Planetarium in Chapel Hill** : You will have the opportunity to choose from a selection of exciting shows. For information including events and prices, call **919-962-1236** or visit [www.moreheadplanetarium.org](http://www.moreheadplanetarium.org)

**Museum of Life and Science in Durham** : Learn more about the life sciences and view the animal events in the museum. For reservations and information on hours, prices, etc., call **919-220-5429**, or visit [www.ncmls.org](http://www.ncmls.org)

**National Weather Service at the NCSU Centennial Campus** : Learn what the National Weather Service does, see the computer stations. For additional information, call **919-515-8209**.

## Women and Math Mentoring Program

**\*\*NCCU BRITE (Biomanufacturing Research Institute and Technology Enterprise) Program-**Hands-on activities, Tour the research laboratory, Hold conversations with the scientists.

**North Carolina Museum of Natural Sciences:** 11 W. Jones Street, Raleigh, NC 27601  
The museum is in downtown Raleigh on the Bicentennial Plaza at the corner of Jones and Salisbury, next to the Capitol. Admission is free. The exhibits give you a look into the natural world through the distinct lens of North Carolina's diverse geography, geology, plants and animals. General admission is free and there's a cover charge for special exhibits. For information, visit [www.naturalsciences.org](http://www.naturalsciences.org)

**\*\* North Carolina School of Science and Mathematics** in Durham : Take a tour of the NCSSM for the brightest 11<sup>th</sup> and 12<sup>th</sup> grade science and math students. A group field trip will be arranged. For information, visit [www.ncssm.edu](http://www.ncssm.edu)

**NCSU College of Engineering** – Experience NC State's College of Engineering by attending their open house on Saturday, March 18, 2017, 9:30am – 1:30pm. See <http://www.engr.ncsu.edu/openhouse/> for more information.

**NCSU College of Textiles** : Visit NC State's College of Textiles Open House. Date this year is TBD but in previous years it was normally in April. See <https://textiles.ncsu.edu/visit/textiles-open-house/>. The College of Textiles is home to the most modern, state-of-art textile classrooms and laboratories in the United States. During the open hours, there are tours and demonstrations conducted including the latest in Apparel Design and Production, Body Scanning and Measurement, Fabric Comfort, Digital Printing, Yarn Spinning, Weaving, Whole Garment Knitting, Dyeing and Finishing, and Fabric Engineering, and Management, Marketing, and Merchandising opportunities. Normally, a demonstration of pyro-man, a favorite for attendees, will take place. Pyro-man is a mannequin with heat sensors used to test the latest in fire protective apparel used by fire fighters, armed services personnel and race car drivers. For more information, visit <https://textiles.ncsu.edu/visit/> .

**NCSU Veterinary School** : Visit NC State's Veterinary School Open House April 1, 2017. For information, see <https://cvm.ncsu.edu/open-house/>

**Raleigh Astronomy Club** : This is a non-profit organization which promotes amateur astronomy. Some of their activities include giving talks and sponsoring public observing sessions. See <http://raleighastro.org/> for more information.

**Shodor Education Foundation** in Durham: Take a tour of the office, be introduced to Shodor staff members (e.g. mathematicians, scientists, and computer scientists) and do a hands on math workshop demonstrating Project Interactivate, Shodor's math courseware. For more information, visit [www.shodor.org](http://www.shodor.org) or [www.shodor.org/interactivate](http://www.shodor.org/interactivate)

## Women and Math Mentoring Program

**Sporting events like College Basketball, Durham Bulls Baseball, etc.:** Incorporate statistics or other math concepts while watching the game.

**UNC Science Festival :** Typically, there are demonstrations of a virtual reality experience, computer crowd simulations and robotics, and other exciting activities. April 7 – 23, 2017. There's usually a Saturday when the UNC Computer Science department has an expo. See <http://www.ncsciencefestival.org/> for more information.

**\*\* US Environmental Protection Agency :** Tour the EPA in RTP to see what is done to protect human health and our environment. Tour includes hands-on activities and possibly a career panel. <http://epa.gov/>

**Watch the movie “Stand and Deliver”:** Invite your mentees to your house for movie and pizza. This movie is based on a true story of a California math teacher who beats the odds by taking a group of underachieving high school students all the way from fractions through AP Calculus.

**WRAL TV Tour :** Get a behind-the-scenes look at the magic of television. The experience includes a tour of the WRAL WeatherCenter, a look at our state-of-the-art High-Definition newsroom and the opportunity to view High-Definition television. Make tour requests several months in advance. See <http://www.wral.com/> for details.

**Tour some of the best colleges in the state. Advanced reservations are suggested:**

- **Duke University :** 919-684-3214, [www.duke.edu](http://www.duke.edu)
- **Meredith College :** 919-760-8581, [www.meredith.edu](http://www.meredith.edu)
- **NCCU (North Carolina Central University):** 919-530-6100, [www.nccu.edu](http://www.nccu.edu)
- **NCSU (North Carolina State University):** 919-513-1200, [www.ncsu.edu](http://www.ncsu.edu)
- **UNC Chapel Hill:** 919-966-3621, [www.unc.edu](http://www.unc.edu)

**\*\* Potential pre-arranged field trip.** Details on the pre-arranged field trips for this year will be provided later.

**NOTE:** The list of organizations or companies is for information only and is not an endorsement by the Women and Math Mentoring Program.