



July 2016 Member Spotlight on the North Museum of Nature & Science presented by Marketing & Communications Manager Anne Faix at the July Merchant Meeting of the DID sponsored by the [Lancaster City Alliance](#).

**Inside the Museum:**

Newly renovated in 2015, the North Museum of Nature and Science is a crucial science resource for the community, showcasing the best of a traditional Museum experience and the latest examples of engaging, and interactive exhibits.

**On your next visit to the North Museum:**

- View rotating exhibits of the more than 360,000 collections items, including an eight foot narwhal tusk, Egyptian artifacts, and over 800 varieties of birds (including examples of extinct species )
- Touch real dinosaur fossils in the interactive “Explore the Past” Dinosaur Gallery, also featuring examples of life in Pennsylvania approximately 200 million years ago
- Pet a python, tortoise or blue-tongued skink in the new Live Animal Room
- Climb inside a tornado in the “Tornado Machine” Exhibit
- Explore the hidden world of light in the new “Rock Box” Exhibit
- View beautiful local art inspired by science and nature in the STEAM Art Gallery
- Soar through the galaxy and to the deepest depths of the ocean in central Pennsylvania’s largest digital planetarium, the SciDome Theater
- And more!

**Outside the Museum:**

Offsite, the North Museum supports science education in our community. As a leader in Lancaster’s Science, Technology, Engineering, Art, and Math (STEAM) conversation, the North Museum follows its mission to inspire curiosity, discovery, and a lifelong appreciation of nature, science, and cultures by providing engaging and effective science programming, actively collaborating with local organizations that share similar missions (like Girls on the Run,

the Lancaster Science Factory, the YWCA's Tech Gyrls program, and Thaddeus Stevens College of Technology), and ultimately spurring economic development by increasing awareness of Science, Technology, Engineering and Math concepts.

Most recently, the North Museum's Executive Director, Terry Kraft, was asked to sit on the Advisory Board of the Lancaster County STEM Alliance, helping to provide strategic leadership in STEM initiatives.

#### **Providing science education to our community:**

**[What in the World? Career Fair](#)**- The North Museum's career awareness program exposes more than 4,500 5<sup>th</sup> and 6<sup>th</sup> grade students (a critical time in education) from 40 local schools to a wide range of vocational possibilities.

**[North Museum Science & Engineering Fair \(NMSEF\)](#)**- Reaching more than 1,000 students each year, the North Museum Science & Engineering Fair inspires curiosity and discovery in STEM for Lancaster County students in grades 7-12 by:

- complementing classroom curriculum with student's own creative, interactive projects
- providing a forum to discover student's potential with international recognition for excellence
- empowering our future leaders to help change the world for the better

The NMSEF is the only science fair in Pennsylvania that **offers this program at no charge to schools or students** and is not completely underwritten by a university or corporation. The North Museum relies on the support of the local community to ensure that every student has an opportunity to participate and be inspired by science.

**[STEM Sisters](#)**- the North Museum's STEM Sisters program was developed as an inspiring, engaging, and empowering platform that encourages girls to develop an interest in STEM by:

- Connecting girls with female STEM mentors, professional women excited to share their STEM experience and discuss potential career possibilities, interests, and training pathways
- Building confidence through hands-on science, technology, engineering, and math activities
- Providing resources and tools to support girls STEM journey

Four interactive and exciting events are planned with more in development. Because of collaborations with local organizations and the support of local corporations **the STEM Sisters program is offered at no cost to girls.**

#### **Upcoming STEM Sisters Events:**

**[Discovery Dinner](#)** • October 16, 2016 • Focus: 6-12 grade

The STEM Sisters kick-off event brings girls and their parents together with female STEM professionals for an evening of inspiration. Following dinner, attendees will participate in STEM discussions, experiments, and activities.

**[Full STEAM Ahead](#)** • November 19, 2016 • Focus: High School

High school level STEM Sisters engage with professionals during an interactive STEM Career Fair. Breakout sessions for parents provide additional education and support.

**[Winter Meet Up](#)** • February 8, 2017 • Focus: 6-12 grade

As teams, STEM Sisters participants utilize principles from all STEM disciplines to work together to build a dynamic Museum exhibit.

**[Curiosity Quest](#)** • June 14, 2017 • Focus: Middle School

Focusing on STEM Sisters at the middle school level and designed as a time of discovery, the STEM Sisters Curiosity Quest event engages girls through interactive STEM activities to unleash their creativity.

#### **Upcoming North Museum Events:**

- July 25-28 – [GSK Science in the Summer Day Camp](#) (FREE)
- August 5 – [STEAM Art Gallery Exhibit Opening](#)
  - Featuring Local Artists -Ruth Bernard, Melissa Ward Carroll, and Milt Friedly
- August 20 – [Honey Bee Day Celebration](#)

- The last Wednesday of every month – [Little Explorer & Me](#) (an early childhood development program)

**We welcome collaborations! Please contact Anne Faix at 717.358.4149 or [afaix@northmuseum.org](mailto:afaix@northmuseum.org) for details.**

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