Kids International Discovery

**** Please stop by and visit with our Young Makers. Meet kid makers from local elementary, middle and high schools. **

** WELCOME AREA**

Information
Discovery Communications
Paper Circuits
Discovery Science Channel
Wind Tubes
Cardboard Playground
Blanket of Stars

** PLAZA WALKWAY**

Gravity in Optical Conduction
Paint from National Electronics Museum
MAKE with SCRAP DC
Recycle Electronic Junk into Art
Fab Lab DC
Mosaic Artmaking
Different Crystal Structures of Engineering Materials

** THE PORCH**

3D Printing
Electric Solar Porsche
Reusable Lunch Sacks
SERT: Art in Recycling
NumbersAlive!
Backyard Papermaking
RC Multicopter, Planes
Marble Run
NOAA Buoy Making
High Capacity Centrifuge

** PAVILION**

Homemade Electric Go-Kart
Wearable Art Exhibit and Activity
YouthQuest 3D Printing Demo
UMBC Pad
Arduino Games: Whack-a-Mole and Tilt

** GREAT HALL**

CyGaMEs Selenium: A Lunar Construction GaME
Deep Imager S
AntroTronix Tap Tap Rehabilitation and Gesture Controlled Robot
NARHAMS Model Rocket Club
Wood Carvings and Shadow Boxes
Aluminum Aerogami
Light Up Your World— or at Least an LED!
The Art and Science of Felting
Make a Completely Foldable Object
Studio STEM
Recreating an Invention with the Fab Lab Baltimore
Microsoft Xbox Kinect
Makey Malkey and Scratch with Futemakers

** ELLSWORTH ROOM**

Community Forklift
HacDC
Camera Centering Tripod Mount

** ELLSWORTH DRIVE**

Making Omelets the Way You Like Them

** ATRIUM**

Information
Smithsonian Institution—Digitization Program Office 3D Lab
NASA’s Digital Photo Booth
Hubble Space Telescope Astronaut Tools and Gloves
IR Camera Demo
Silicon Rubber Mold Making and Resin Casting
NASA Heat Pipe Demonstration

Try Your Hand at Fixing a Satellite NASA Goddard
Let’s Go for a Ride! MD Department of Business and Economic Development
Montgomery County Collaboration Council
Maryland Out of School Time Network
After School Alliance

** OUTDOOR STAGE**

12:00 Drum Call
Kale McKenzie explores how he became a master drummer and delves with Africanhythm, drumming

12:30 Strathmore presents: Margot MacDonald
Acoustic guitarist

1:00 Cathy Fink & Marcy Marxer
Traditional and contemporary folk, old-time country and swing music

1:30 Welcome Ceremony

2:00 Monkey Feather
Classical-spantronic instruments at the college radio heyday of the 1980s

2:30 Kid Makers
Young makers showcase their projects and explain what drives them to making

3:00 Strathmore presents: Mary Alicebeth
Long-form guitar

3:30 Kid Makers
Young makers showcase their projects and explain what drives them to making

4:00 DC Sonic Circuits presents: Colla Parte
Polyphonic chamber improvisation with reeds in jazz, classical, and new music

4:30 CCACC Dragon Dance Team
Chinese Carnival and Community Service: Center’s traditional Chinese dragon dance

** SPRING ROOM**

3:30 Instrument Making Workshop with Cathy and Marcy

** INDOOR STAGE**

12:00 Newgrass Effect
Macon Int. Jake Mackenzie explores his passion for building fine instruments and plays live music

12:40 Adrienne Alessandro, NASA Goddard
NASA Robotic Refueling Mission: Demonstrating Fix-it Technology for Space

1:00 Eric Green, National Human Genome Research Institute at the NIH
Sharing the Gene: Unlocking Life’s Code

1:20 Warren Brown, Cakelove
Cookies and chocolate: a maker fashion show

1:30 Debbie Doetsch, Center for Educational Technologies at Wheeling Jesuit University
Inventing the Future: Achievement and Personalization through Interactive Video Games

2:35 Cathy & Marcy
Sing for your young ones

3:10 Inventions from JETS Essay Contest
Young makers show off their ideas and talent

3:30 Cori Lathan, ArcheoArch
Technology for People: Enabling Humans with Robotics and Innovation in Engineering

4:00 Dr. Rebecca Klem — Numbers/Unnumbered
A fun approach to demystifying numbers

4:40 Jon Froehlich, University of Maryland
Making with a Social Purpose

** SILVER SPRING CIVIC BUILDING**

** VETERANS PLAZA**
Inventors In Our Midst
The Silver Spring Mini Maker Faire is highlighting some local inventors who live and work amongst us. Appearing on the indoor stage, these speakers will share a glimpse into their creations, their inspiration, and what drives them to keep making. Their inventive energy and accomplishments will inspire your own innovation and get you making.

Eric Green, National Human Genome Research Institute at the NIH
Dr. Green leads the U.S.A National Human Genome Research Institute, the largest organization in the world dedicated to genomics research. His 25-year career has included significant, start-to-finish involvement in the Human Genome Project and the oversight of numerous projects aiming to use genomics to advance human health.

Debbie Denise Reese, Center for Educational Technologies at Wheeling Jesuit University
Dr. Reese invented the nationally recognized and awarded CyGaMEs (Cyberlearning through Game-based Metaphor Enhanced Learning Objects). CyGaMEs is an approach to designing instructional videogames that modify behavior to cause and measure learning. Using CyGaMEs, Dr. Reese translates what scientists think into what game-based discovery learners do. Her research has been funded by NASA and the National Science Foundation.

Cori Lathan, AnthroTronix
Cori Lathan left her job as a professor of engineering to create her own robotics company in downtown Silver Spring. AnthroTronix invented a mobile App that can be used in the field to help determine if a soldier has suffered a traumatic brain injury and a glove interface to help soldiers communicate in the field. Lathan herself invented a play robot that helps children with disabilities with therapy.

Jon Froehlich, Human-Computer Interaction Lab and Department of Computer Science, University of Maryland, College Park
Jon Froehlich’s research focuses on designing, building, and evaluating interactive technology that addresses high value social issues such as environmental sustainability, computer accessibility, and personalized health and wellness. This work often involves the entire spectrum of information flow: from sensing physical events, to intelligently interpreting/classifying this data, to building visualizations that inform and motivate behavior.

KID Museum is an emerging children’s museum in Montgomery County dedicated to cultivating creativity, curiosity and compassion through playful exploration of the world. Our exhibits and programs provide interactive and hands-on learning experiences geared toward children ages 6-12 to inspire innovative thinking and global citizenship. KID Museum’s permanent home will have its own makerspace, where kids can explore and create.

www.kid-museum.org