ABOUT MACKINTOSH ACADEMY

KEEN MINDS: Founded in 1977, Mackintosh Academy is Colorado’s oldest “School of Minds,” serving gifted and creative learners in pre-K through 8th grade. Mackintosh is a one-of-a-kind learning environment that nurtures the unique genius in every student. Our personalized program and inquiry-based design embraces diverse learning styles and inspires keen minds to their fullest potential.

COMPASSIONATE HEARTS: Social-emotional growth is a daily practice and an integrated part of our curriculum. We seek to grow courageous risk takers, good communicators and powerful innovators who meet the world wholeheartedly and bring a sense of balance to all they do.

GLOBAL ACTION: We encourage hands-on learning, experimentation and innovation, exploring global connections and implications of ideas. Our action and reflection cycle teaches children design thinking as well as how to have an impact on the world.

AWARDS AND RECOGNITION
- National Wildlife Federation Certified Schoolyard Habitat 2019
- U.S. Dept. of Education Green Ribbon School 2018
- President’s Environmental Youth Award 2016
- Colorado Environmental Leadership Program Gold Leader 2018
- Featured in 5280 Magazine and Colorado Public Radio
- State Farm Youth Advisory Board Grant 2014 (funding solar panels, making us the first fully solar-powered school in Littleton)

PROGRAM
- PreK - 8th grade
- International Baccalaureate World School Primary and Middle Years Programs
- Gifted and Creative Program
- Greenhouse Science Lab
- Inquiry-Based
- Whole Child
- Diverse Learning Styles
- Association of Colorado Independent Schools Candidate School, AdvancED Accredited

Now enrolling for 2020-21 - Apply now!
Priority consideration for girls grades 5 through 8.
Limited full-tuition Solar Scholarship program available for families with need. Need-based partial tuition assistance also available. Contact Beth Steklac, Director of Admissions, for more information: beth@mackintoshacademy.com, 303-794-6222.

Genius Girls Gathering

Presents

Inspiring and Empowering Girls in Science, Technology, Medicine, & Design

February 22, 2020
Program

1:00 – 1:45 pm  Welcome from Diane Dunne, Head of School
Panel Discussion led by Beth Steklac, Asst. Head of School
Our panelists will talk about their journeys to become scientists, engineers, doctors, and creators. Please share YOUR questions during the Q&A portion.

1:50 – 2:45 pm  Workshop 1
At check-in, girls should have received workshop assignments. Please go to check-in table if you have questions.

- Up, Up and Away! 7/8 Humanities Classroom, North Building lower level. Dr. Jane Bae.
- A Day in the Life of the ER. 5/6 classroom, upstairs from gym. Dr. Susan Brion.
- Taking Stem Cell Research to Heart. 5/6 Classroom, upstairs from gym. Molly Brown.
- Strange New Planet. Performing Arts Classroom, lower level across parking lot. Dr. Cathy Olkin.
- What Makes You – YOU? DNA Extraction. 7/8 Science Classroom, North Building Lower Level. Dr. Ashley Pacheco.

2:50 – 3:45 pm  Workshop 2
See above for locations.

3:50 – 4:10 pm  Refreshments, Reflection and Raffle! Please return to the gym for a brief wrap-up and cookies! We will hold a quick drawing for prizes – Will YOU be the lucky winner? (Must be present to win)

Many thanks to Yellow Scope Science Kits for their prize donation!  www.yellow-scope.com

About Our Panelists

Dr. Jane Bae, Ph.D. in Computational and Mathematical Engineering, is a postdoctoral scholar in the Graduate Aerospace Laboratories at Caltech. Her research focuses on analysis and simulation of turbulence flows.

Dr. Michelle Beutz is a physician specializing in treating sleep and breathing disorders. She is currently practicing medicine with National Jewish Health at the Swedish Medical Center campus where she is the Pulmonary Division Director. She is the mother of three girls at Mackintosh Academy.

Dr. Susan Brion, M.S., Univ. of Colorado, M.D. UCLA, is an Emergency Medicine physician at a Level One Trauma Center. Dr. Brion practiced as a Physician’s Assistant for several years in Colorado and Los Angeles before realizing that her true calling was in emergency medicine. She is the mother of three boys at Mackintosh Academy.

Molly A. Brown is an M.P.H. candidate, focusing on Epidemiology and Global Health at Baylor University. After an overseas career in satellite communications in the U.S. Army, Molly progressed into Clinical Research at Children’s Hospital Colorado.

Theresa Julies Caesar has a Bachelors in Computer Science. She has worked as a professional in Information Technology since 2004. Currently, she works for Charles Schwab in DevOps automation for taxes. She is the mother of Mackintosh second grader.

Dr. Cathy Olkin is a renowned planetary scientist at the Southwest Research Institute. She leads the color camera and surface composition mapper on NASA’s New Horizons team, which was responsible for the July 2015 flyby of Pluto.

Dr. Ashley Pacheco, Ph.D. Human Medical Genetics and Genomics, postdoctoral fellow at the University of Colorado. Her research focuses on genomic regions that are highly repetitive and differentiate the human lineage from other primate species.

Shreya Nallapati is the 19-year-old founder and executive director of NeveragainTech, an organization using machine learning and data analytics to detect and prevent potential mass shootings. She leads a team of 200 people to understand historical patterns and the fundamental constituents of these violent incidents. Shreya is a former Mackintosh student.

Casey Stock is a sustainability professional based in Denver, Colorado at DaVita’s World Headquarters and is currently working on engaging the entire organization in meeting the 2020 sustainability goals. Casey holds a Bachelor’s in Environmental Studies from Dickinson College and a Masters in Environmental Policy and Management from the University of Denver.

Amy VanMatre is a software engineer who has been writing code professionally since 1998. She has been everything from an entry level developer to a director of software development. Amy currently co-owns her own software consulting company in Littleton, Colorado. Amy is the mother of a fifth grader at Mackintosh.