

WELCOME

IntelInsight

Fact-Based News, Views and Updates on Intel's Impact in Licking County from the Welcome Intel Task Force

Focused on a smooth landing for Intel and great opportunities for Licking County!

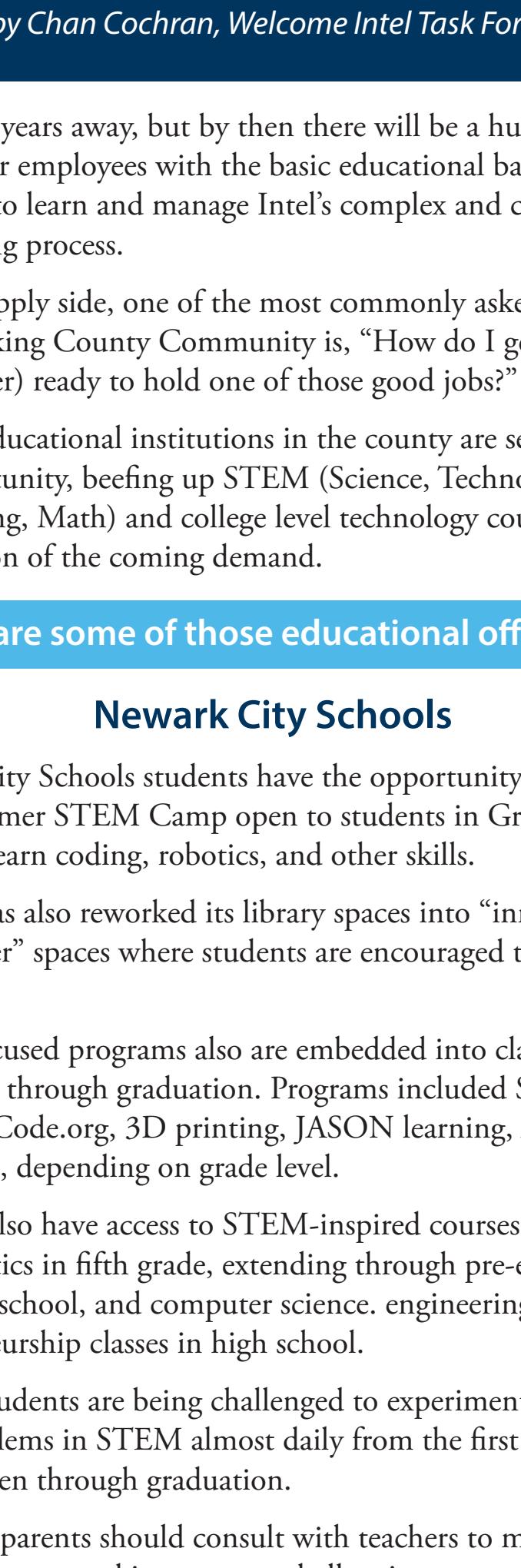
September 2022 NEWSLETTER • Digital Edition

Intel Welcomes Ohio to Intel Family

Groundbreaking September 9, 2022

"Made in Ohio and Made in America is no longer just a slogan."

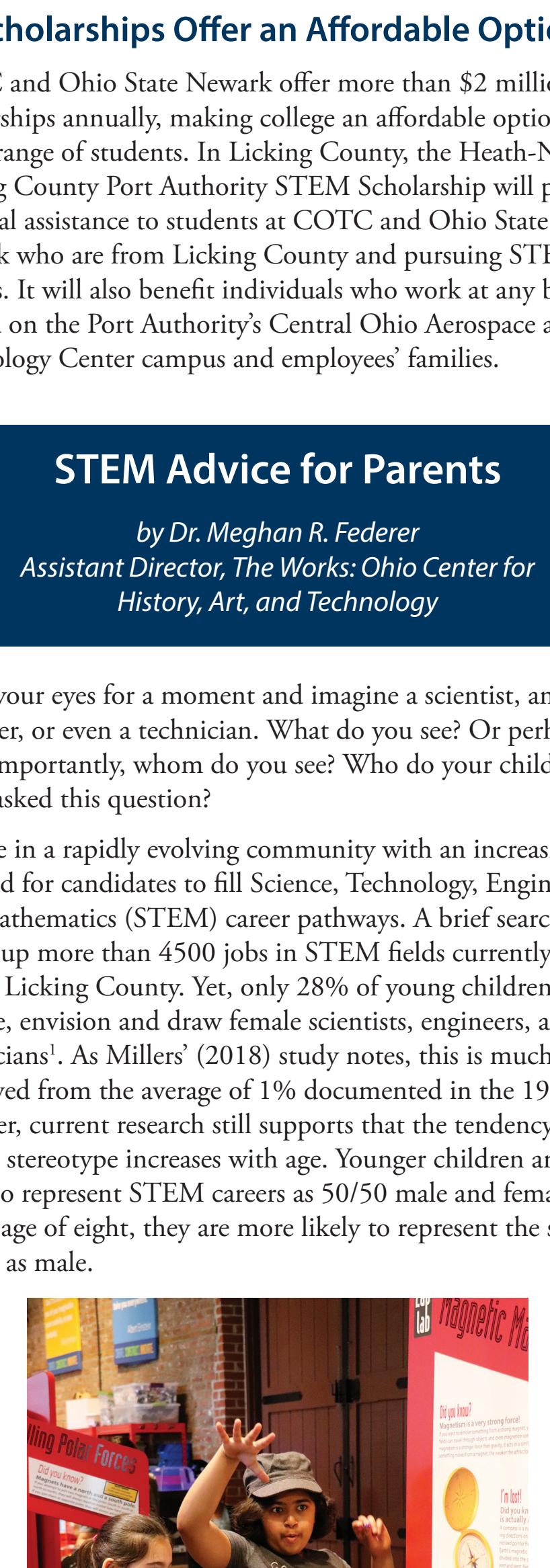
—President Biden



Following a groundbreaking ceremony at the Licking County location of Intel's new chipmaking facility, President Joe Biden arrived and made a speech touting the Ohio development, describing it as the new "Silicon Heartland."



Above, invitees included dignitaries, government officials, businesses and organizations involved in the effort to bring Intel to Licking County. President Biden is on the stage center left.



Above, left to right: Fran and Mike DeWine, Governor of Ohio, with Intel CEO Pat Gelsinger and his mother, June.

Education Leaders Prepare For Intel Training Demands

by Chan Cochran, Welcome Intel Task Force

We're two years away, but by then there will be a huge demand by Intel for employees with the basic educational background necessary to learn and manage Intel's complex and challenging chipmaking process.

On the supply side, one of the most commonly asked questions in the Licking County Community is, "How do I get my (son or daughter) ready to hold one of those good jobs?"

Leading educational institutions in the county are seizing the opportunity, beefing up STEM (Science, Technology, Engineering, Math) and college level technology courses in anticipation of the coming demand.

Here are some of those educational offerings:

Newark City Schools

Newark City Schools students have the opportunity to attend a free summer STEM Camp open to students in Grades 2-12. Students learn coding, robotics, and other skills.

Newark has also reworked its library spaces into "innovation" and "maker" spaces where students are encouraged to tinker and explore.

STEM-focused programs also are embedded into classes from pre-school through graduation. Programs included STEM kits, Ozobots, Code.org, 3D printing, JASON learning, Arduino and others, depending on grade level.

Students also have access to STEM-inspired courses beginning with robotics in fifth grade, extending through pre-engineering in middle school, and computer science, engineering, and entrepreneurship classes in high school.

Newark students are being challenged to experiment and solve problems in STEM almost daily from the first day of kindergarten through graduation.

Interested parents should consult with teachers to make sure their children are taking to most challenging courses available.

Central Ohio Technical College

Intel's announced plan to hire 70 percent of its Ohio workforce at the associate degree level draws attention to the importance of COTC's two-year associate degrees.

For COTC students and graduates, there's major good news. Intel representatives have reviewed COTC's electrical engineering technology associate degree and found that COTC graduates will be well-positioned for technician jobs with Intel Ohio.

COTC's Associate of Applied Science in Electrical Engineering Technology is a two-year degree offering skilled training to complement a wide variety of industries and employers, including Intel. Classes include of circuits, digital electronics, AutoCAD, project management and more. The degree is internationally accredited by ABET.

In addition to electrical engineering, COTC offers an Associate of Applied Science in Engineering Technology and a six-course Industrial Electrician certificate. Engineering technology graduates gain real-world, transferable skills in multiple areas in each program.

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STEM Advice for Parents

by Dr. Meghan R. Federer

Assistant Director, The Works: Ohio Center for History, Art, and Technology

Close your eyes for a moment and imagine a scientist, an engineer, or even a technician. What do you see? Or perhaps more importantly, whom do you see? Who do your children see when asked this question?

We live in a rapidly evolving community with an increasing demand for candidates to fill Science, Technology, Engineering, and Mathematics (STEM) career pathways. A brief search brings up more than 4500 jobs in STEM fields currently posted within Licking County. Yet, only 28% of young children, on average, envision a male STEM career.

However, current research still supports that the tendency to gender stereotype increases with age. Younger children are more likely to represent STEM careers as 50/50 male and female, but by the age of eight, they are more likely to represent the same careers as male.

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