AMD Markham's Spirit of Innovation and COVID-19 Response

AMD Markham is powered by the spirit and talent of a workforce equaling more than 2,300 -- all committed to the design and development of leading-edge semiconductors. Our very talented engineers have expertise in GPU programming and machine learning algorithms. We apply this expertise to expand AMD Canada's offerings that assist our customers to develop GPU-accelerated High Performance Compute (HPC) and parallel computing software. AMD Markham has a diverse workforce and is committed to inclusion. Additionally, AMD Markham is proud to empower the future workforce through integrated work and learning placements to help drive innovation in our technology and culture.

To acknowledge the company's continued innovation, AMD Markham is recognized as one of Canada's Top 100 Corporate R&D Spenders (2019), Canada's Top Employers for Young People (2020), Greater Toronto's Top Employers (2020), and Forbes Canada's Best Employers (2020).

AMD Canada's deep talent pool – software and hardware architects, business managers, engineers and students – have been critically involved in the development of some truly revolutionary products – Ryzen™ processors, Radeon™ graphics processors and software, and EPYC™ processors. These products are at the heart of many laptops, desktops, workstations, servers, and game consoles, and enable everything from high performance computing, "big data" analytics, artificial intelligence, machine learning, electronic gaming and virtual reality/augmented reality systems.

The team in Markham is playing a key role in bringing to market the next-generation AMD RDNA 2 graphics architecture plan to deliver a 50% performance-per-watt improvement over the first-generation AMD RDNA architecture. These new advancements from AMD Markham will support hardware-accelerated ray tracing, variable rate shading (VRS) and other advanced features that drive innovation in high-performance computing, graphics and visualization

technologies — the building blocks for gaming, immersive platforms and the data center for hundreds of millions of consumers, leading Fortune 500 businesses and cutting-edge scientific research facilities around the world.

Shared Resilience: AMD Response to COVID-19

AMD is also working diligently to navigate the uncertainty of COVID-19 and to do our part to combat the pandemic. AMD established a COVID-19 HPC fund to provide research institutions with computing resources to accelerate medical research on COVID-19 and other diseases. AMD is contributing technology and technical resources, including AMD Radeon™ Instinct MI50 accelerators, designed at AMD Markham, and support resources for the "Corona" system at the Lawrence Livermore National Laboratory, providing additional computing power for molecular modeling in support of COVID-19 research.

AMD Markham also [delivered](#) COVID-19 relief response with a $67,000 cash contribution to the Markham Stouffville Hospital Foundation along with tens of thousands of N95 masks to that hospital. AMD Markham gives back by way of our charity employee matching program benefiting Canadian Red Cross and Yee Hong Centre for Geriatric Care. And to showcase AMD Markham's commitment to our community, one resourceful employee led a group of volunteers to raise more than $20,000 to purchase more than 20,000 vitally needed medical and surgical masks for a local hospital's frontline health-care workers.

"AMD Markham is inspired by the actions of our company's CEO Dr. Lisa Su to find ways to use our technology to best help our customers, partners and communities in the fight against COVID-19. AMD Markham and its employees offer continued commitment and focus to our staff, our customers and our community throughout these uncertain times," said Kevin O'Neil, AMD Canada Managing Director. *"I am impressed by the incredible resiliency of the AMD team and proud to be included in Markham's Innovation celebration that features a rich heritage, well-planned communities, high quality infrastructure, a talented workforce, and a pro-business environment."*

More info: www.amd.com , www.amd.com/en/corporate/amd-covid-19-response