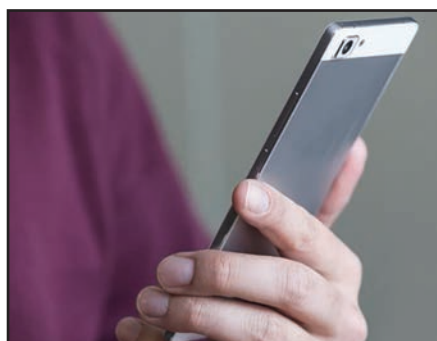


INSIDE



Phones with no camera bump?

Smartphones keep getting slimmer and slimmer, but one thing that ruins the skinny profile is the lens for the camera. It looks like University of Utah engineers have solved that problem. A team of electrical and computer scientists, led by professor Rajesh Menon, has developed a new kind of optical lens that is much thinner and lighter than conventional camera lenses.

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TECHNOLOGY



The coming tech revolution will open immense opportunities for women in STEM positions

Brice Wallace
The Enterprise

In a world on the brink of a new Industrial Revolution, Tami Erwin wonders, “Are we dreaming big enough?”

That question was at the heart of her remarks at the recent Women Tech Awards event in Salt Lake City. Erwin, executive vice president and group CEO of Verizon Business, said the development of super-fast 5G technology will open up vast opportunities for women in the tech industry and worldwide.

“I am convinced we are entering a revolutionary era for technology, for business and for society,” she said at the event’s keynote presentation. “Like any revolution, this will scramble and offend a lot of our traditional notions of who belongs at the table. This is going to open up immense opportunities for women across the industry and in STEM positions, specifically.”

That would be a massive shift from the current environment. Erwin said that for women, “the opportunity has never been bigger, our participation has

never been less in the tech space.” For example, only one in four STEM jobs is held by women, she said.

The general-purpose technology spearheading the new revolution is 5G, the same way that the steam engine, electricity and the personal computer drove the last three revolutions. The speed, reliability and other attributes of 5G will enable a new era of virtual reality, augmented reality, the Internet of Things, artificial intelligence, autonomous vehicles, advanced robotics, 3D and wearable tech.

“What these and other fourth-Industrial-Revolution innovations have in common is an unprecedented level of connectivity — between people and people, between people and devices, and between devices and devices. It’s the blending of the physical and the visceral in whole new ways. After all, in an era that’s all about fast, clear connections, the network that makes those connections possible is the key to everything else.”

People may have heard about 5G but not everyone understands just how revolutionary it is, Erwin said.

“I want all of you to get it because you’re innovators and leaders, and this is going to have a huge impact on almost everything you do in the years to come,” she told the crowd. “The main thing to get about 5G is it’s not just another ‘G.’ It’s not a sequel to 4G. It’s not just the same thing done slightly better. 5G is so powerful that the best way to think about it is a wholly new technology.”

Among 5G’s characteristics is a peak data transmission rate 10 times faster than 4G and its potential to connect 1 million devices per square kilometer, compared to today’s 100,000 devices.

5G technology will allow, for instance, a person to tell their house that they’re on the way home so that a thermostat can be turned on, or a medical implant to relay vital information to family members, patients or doctors or even call 9-1-1.

Salt Lake City is at the forefront of 5G development. Verizon has cho-

see **WOMEN** page F9



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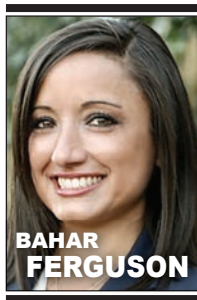
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NEW TECH RELEASES

Keeping up with technology for an easier and more enjoyable life

The evolution of technology has brought along a lot of changes for the consumer experience. One of these changes is saturation. The number of tech companies and the tech they offer can be overwhelming. This flooding of advancement makes it difficult to keep up to date on tech that you may actually want. Sure, this is a good problem to have, but nonetheless, it is a problem. This article will journey through some of the biggest tech companies' newest releases.



Facebook has recently launched its Portal and Portal+. These devices are essentially stationary tablets with enhanced video chatting capabilities. The devices are perfect for video chatting because of the smart camera technology. The smart camera tracks the action, keeping everyone in frame. This means you can walk around, hands-free, and always remain on-screen. If someone else enters the frame, it will zoom in or out to keep all parties on-screen.

The Portal comes in two models, Portal and Portal+. The Portal is a 9.8 inches wide and 8.2 inches tall unit and the Portal+ measures in at 8.8 inches by 17.7 inches. If you need help envisioning a Portal+, just think of a rotating Tesla display. Both of the Portal units have been struggling to gain popularity, but if you are someone that video chats frequently for either fun or educational purposes, the Portal may be for you.

With Samsung having products in so many different categories, you might have expected choosing just one to talk about would have been difficult. Well, to be honest, it wasn't

hard at all. The runaway winner is the Q900, a QLED Smart 8K UHD TV, which deserves attention for one simple feature called "Ambient Mode."

Before discussing the futuristic wonders of Ambient Mode, let's cover some of the TV's impressive stats. The Q900 boast an impressive 8K real resolution. Worried that the TV's resolution might be too ahead of the content that is out there? Well, fear not. The Q900 has 8K AI upscaling, which turns today's content into 8K resolution. This is a function is made possible because of the Quantum Processor 8K. All these things combine for an amazing viewing experience, but none of these features are why they earned this article's nod.

That's Ambient Mode. Ambient Mode is the screensaver options for your TV. These are far from your typical screensavers. The Q900 takes a photo of the wall behind the TV and uses that to blend seamlessly into the wall, just like a chameleon. Your TV becomes barely visible and is instantly out of the way.

Ambient Mode doesn't just make the TV hidden, it can put it to use. You can select "Décor Lighting," which gives your screen an interactive background and can be used to imitate lighting. "Décor Customizable Pattern" senses colors in the room and creates an on-screen pattern to accent the room. "Photo Matte" is another feature of Ambient Mode, where the TV turns into a realistic framed photo of your choice.

Samsung knows that they are selling more than just a TV; they are selling an interactive and decorative

masterpiece. That is why the Q900 has an equally impressive price tag of \$3,999.99. Good things don't come cheap and Samsung knows they've got something great.

For years DJI has been the industry leader when it comes to personal drones. The Mavic, Phantom and compact Spark have been some of the highest-reviewed drones ever. With GoPro making efforts to take some of that business with their drone, the Karma, DJI came firing back with their new release, Osmo Action.

The Osmo Action is DJI's attempt at stealing some of the GoPro-cornered action camera market — and they came out swinging. The Osmo Action gains no points for design creativity, nearly identical to the GoPro, but it does get points for video stabilization, HDR-quality imaging and battery life.

DJI was able to take its video stabilization technology from its drone production and apply that to its action camera. This results in an impressively smooth video, even when filming was rough. According to DJI, its "RockSteady" stabilization creates "shake-free footage no matter how heavy the action gets."

In addition to a longer battery life than the GoPro, the Osmo Action sets itself apart with a large, front-facing screen. This large screen is ideal for vlogging, selfies and making sure the framing is correct. At \$50 less than the GoPro, the Osmo is already making waves in the action camera market.

Now changing gears to something much faster, the Vector motorcycle by Arc Vehicles is taking technology to almost every aspect of a motorcycle build. This handcrafted motorcycle is

tailored to each individual rider. The riding gear is just as technologically advanced as the motorcycle itself.

Arc's HMI (Human Machine Interface) includes a Heads Up Display helmet. This advanced helmet has a rear-facing camera that will detect objects in your blind spot and display them in your helmet for you to see. Another product of the HMI is the riding jacket. This riding jacket has multiple modes. One mode, "Urban Mode," is focused on safety and will give you vibrations to indicate any surrounding dangers. "Sports Mode" gives corrections for riding posture and position. Last but not least, "Euphoric Mode" actually plays music for you to enjoy while riding.

All of that tech and we haven't even gotten to the motorcycle yet! The Vector can fully charge in 40 minutes, giving you a riding range of 436 kilometers. The bike sports some industry-leading names such as Brembo for brakes and Ohlins for suspension. A 0-to-100 kilometers-per-hour time of 3.2 seconds will fulfill any need for speed you may have, but they do limit the bike to 200 kph. This innovative, fully electric motorcycle company is now currently accepting pre-orders but limiting the release to 399 motorcycles.

The way these highlighted products range in function shows how wide of a reach technology has and how it makes everything better. Keeping up to date with new releases is nearly impossible because of all the innovation, but like I said earlier, that's a good problem to have.

Bahar Ferguson is president of Wasatch I.T., a Utah provider of outsourced IT services for small and medium-sized businesses.



MAPPING HUMAN BIOLOGY

Salt Lake City's Recursion Pharmaceuticals is striving to create the first truly technology-enabled drug-creating company

Brice Wallace
The Enterprise

Recursion Pharmaceuticals is emphasizing the “tech” in “biotech.”

The Salt Lake City-based company is at the forefront of trying new ways to leverage artificial intelligence, automation and experimental biology to produce data that can eventually lead to the creation of medicines to treat diseases.

“Our ambition is to build the first truly technology-enabled pharmaceutical company,” Tina Larson, Recursion’s president and chief operating officer, told the Governor’s Office of Economic Development (GOED) board during a briefing at the board’s October meeting.

“We are very squarely the leader in the space for companies that produce their own data,” she said. While several drug discovery companies are using artificial intelligence “now that this is a thing,” she said, most have not had the time nor money to create their own data, instead relying upon data already available. “We are far ahead of companies in terms of generating our own data.”

Recursion’s work rests on a belief that the human limits of understanding biology have been reached. Using robots to add and remove liquids and add dyes to experiment plates, its technology finds ways to mimic disease in cells, changes genes and finds ways to model diseases. Then the company’s large library of potential medicines enters the process as the company trains the machines to know the difference between diseased and healthy cells and determine what compounds can turn a diseased cell into a healthy state without having toxic side effects.

Larson likened the process to Google Maps, a technology offering various paths for a person to reach a destination. Recursion maps cells.

“That’s what we’re looking to do

with biology, to build this map using these images of biology, and then ask questions that can route us, like what kind of chemical compounds can be drugs that route us from ‘diseased’ to ‘healthy’?” she said.

Recursion currently is conducting 400,000 experiments each week and is scaling to 2 million per week. Founded in 2013, it has produced over 3.5 petabytes of data — a petabyte being 1,000 terabytes or 1 million gigabytes.

All of that computational work is designed to streamline the process of getting a potential medicine to the point of human clinical trials. Larson said the pharmaceutical industry’s productivity has been falling and is “is absolutely abysmal.” The cost of bringing a new medicine to market typically costs \$2.6 billion for research and development, which typically takes about five years, and 88 percent of potential medicines fail during clinical trials.

By applying the efficiencies of data science to drug discovery, Recur-

sion hopes to speed the R&D process and quickly weed out drug candidates with a poor likelihood of addressing disease, while at the same time increasing the speed and reducing the costs of getting successful drugs to market.

“Our opportunity is to create a truly tech-enabled pharmaceutical company that particularly can increase this [drug] success rate by finding better medicines — kind of the tech concept of ‘fail fast, fail early,’” Larson said. “It takes, on average, 15 years to bring one product to market, so what we want to do is to bring that opportunity to fail faster and earlier to affect this success rate.”

Armed with more than \$200 million in fundraising, including \$121 million raised in July, and 100,000 square feet of lab and office space at The Gateway, Recursion already has two clinical trials underway that are focused on relatively small patient populations with rare genetic diseases. But it plans to expand its portfolio in

the future.

“At the end of the day, [with] all this fancy technology, the point here is to develop meaningful new medicines for patients,” Larson said. “And it’s really important that we don’t miss sight of why we’re doing this. It’s important particularly because I think there’s a lot of negative stereotypes of tech companies trying to get into healthcare ... and maybe pushing too fast and too far and potentially putting patients at harm.”

Larson believes Recursion and its staff of 160 “Recursionauts” are exploring new frontiers.

“We consider ourselves an anchor for the biotechnology industry in Utah,” Larson said, noting that Utah already has companies that serve as anchors in medical devices, technology, diagnostics and health IT. “But really the state does not have a robust biotechnology and pharmaceutical industry, and so we hope to be really the center of anchoring this aspect of ‘life science meets tech.’”



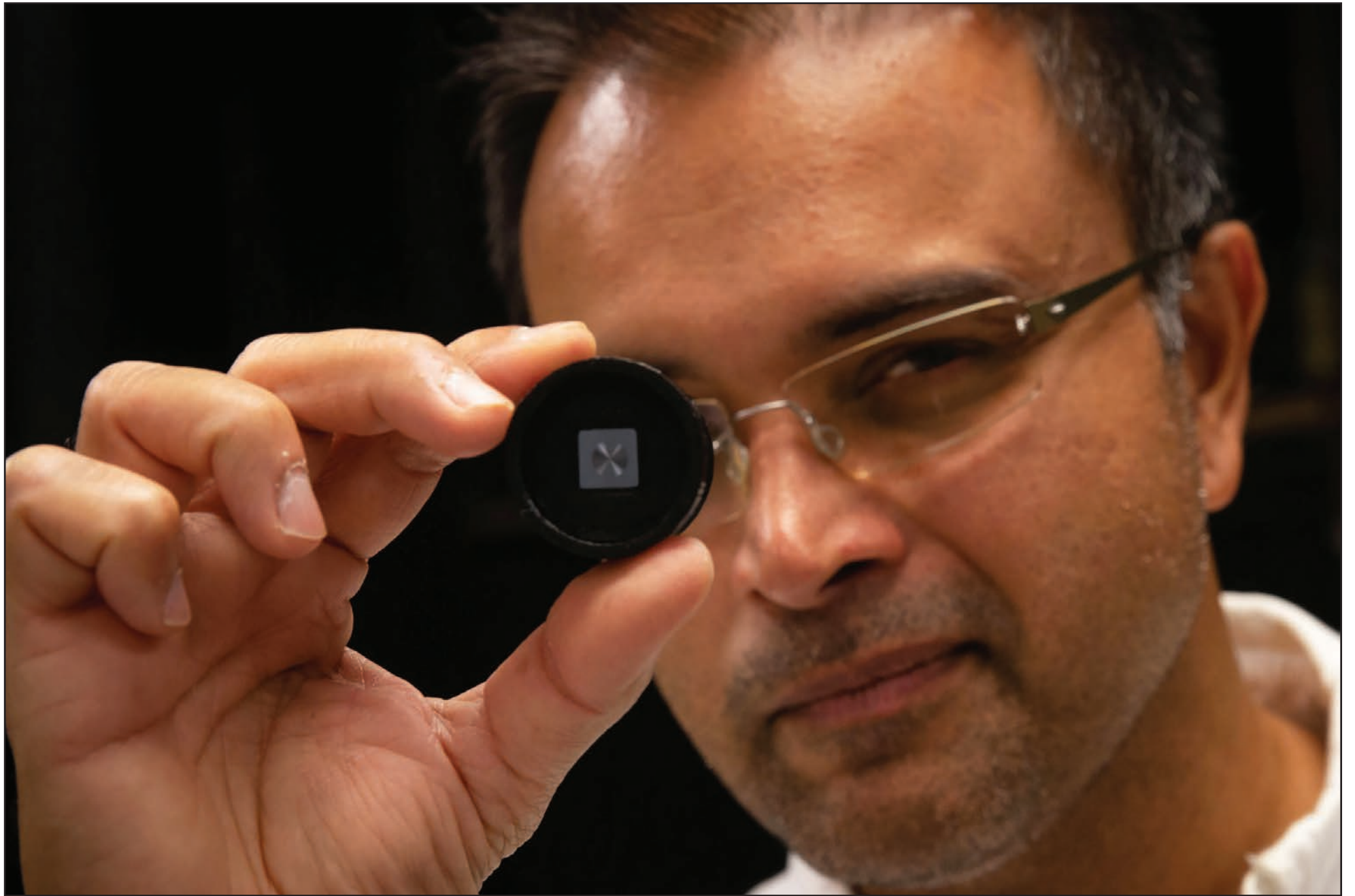
A Recursion Pharmaceuticals employee works at the company’s 100,000-square-foot lab and office space at The Gateway in Salt Lake City. The company, founded in 2013, is using technology to boost the speed and lower the costs of getting potential drug candidates to the point of human clinical trials.

WEBSITE DEVELOPERS

Ranked by Number of Employees



	Company Name Address	Phone Website	Number of Employees	Notable Clients	Specialties	Year Est.	Top Executive(s)
1	Riester Advertising Agency 1441 Ute Blvd., Ste. 360 Park City, UT 84098	844-602-3344 riester.com	130	PacifiCorp, Rocky Mountain Power, Park City	Digital marketing, website design, development, integration	1989	Tim Riester CEO/President
2	The Summit Group 117 W. 400 S. SLC, UT 84101	801-595-1155 summitslc.com	65	Microsoft, Unified Purchasing Group, Sony Mobile, Savage Services, Exxon Mobil	API intergrations, customized WordPress site development, e-commerce, UX/UI, SEO, digital magazine	1982	Bill Palous Todd Wolfenbarger
3	Penna Powers 1706 S. Major St. SLC, UT 84115	801-487-4800 pennapowers.com	40	*	Web audits, site development, SEO, email marketing	1984	Mike Brian CEO
3	Love Communications 546 S. 200 W. SLC, UT 84101	801-519-8880 lovecomm.net	40	Google Fiber, Arctic Circle, City Creek Center, Utah Office of Tourism, BioFire, Visit Salt Lake	Branding, advertising, digital, public relations, web development, media	1999	Tom Love President
5	Oozle Media 11339 S. 700 E., Ste. 300 Sandy, UT 84070	801-562-8557 oozlemedia.com	38	Toni & Guy	Marketing/websites for education, dental, home services	2008	Chris Linford CEO
6	Red Olive 9980 S. 300 W., Ste. 300 Sandy, UT 84070	801-545-0410 redolive.com	28	Novell, Coca-Cola, OGIO, Dental Select, IM Flash, Utah First Credit Union, Challenger School, 1% Fitness	Web, apps & digital marketing	1999	Matthew Moeller
6	SEO.com 65 E. Wadsworth Park Drive Ste. 200 Draper, UT 84020	800-351-9081 seo.com	28	*	WordPress, PHP, Laravel, app development, web development	2008	Benjamin Lin Alexandra Marshall
8	Convirtio 6995 S. Union Park Center Midvale, UT 84047	888-851-3319 convirtio.com	25	AMSCO Windows, General Motors, Lionsgate Entertainment	Content marketing, search engine optimization, social media marketing, web design/development	2015	Braxton P. Tulin
9	ThoughtLab 56 E. Broadway, Ste. 200 SLC, UT 84111	801-355-2696 thoughtlab.com	22	SkyWest, eBay, Wish.com, Blendtec, Grant Thornton, Cityhome Collective	Web design, development, branding & digital marketing	1999	Mike Harker
10	i4 Solutions LLC 707 W. 700 S., Ste. 201 Woods Cross, UT 84087	801-294-6400 i4.net	17	Utah State Board of Education, Jordan Wilcox, Telemundo Utah	Websites, Internet marketing, Internet design, hosting, email	2001	Brandon Anderson Mike Rivera
11	Your Design Guys 1305 N. Commerce Dr., Ste. 100 Saratoga Springs, UT 84045	888-720-0170 yourdesignguys.com	15	Big O Tires, Jamberry, Clean Green Carpet Cleaning, H&O Technologies	Custom website design, WordPress development, copywriting, conversion rate optimization	2012	Chris Wren
11	Revity 315 S. 500 E., Ste. 201 American Fork, UT 84003	801-216-4154 gorevity.com	15	Ardu Recovery Center, Keto Chow, UTV Windshields and Accessories	Custom website development - PHP, JavaScript, Plus Marketing	2015	Jarrett Webster Founder
13	modern8 Corp. 145 W. 200 S. SLC, UT 84101	801-355-9541 modern8.com	10	Jacobsen Construction, UofU, The Church of Jesus Christ of Latter-Day Saints, FFKR	Brand strategy and design	2001	Alysha Smith
14	Letter23 LLC P.O. Box 571614 Murray, UT 84157	801-983-9266 letter23.com	8	Elko City, Live Earth, Robertson Harness	Advertising, marketing, website, public relations	2000	Kelly Casaday
15	Swivelhead Design Works 8813 S. Redwood Road., Ste. A West Jordan, UT 84088	801-566-3152 swivelheaddesign.com	3	Intermountain Healthcare, Village Baker, Lingotek	Design of websites, catalogs, brochures, apps, billboards	2001	Matt Doyle



A flat lens developed by researchers at the University of Utah — demonstrated here by engineering professor Rajesh Menon — is much thinner and lighter than a conventional lens and could have application in lighter cameras for drones and night-vision cameras for soldiers.

University of Utah engineers develop thin, lightweight lens that could produce slimmer smartphone cameras, longer-flying drones

As thinner and thinner smartphones hit the market, one thing still ruins the slim profile — the bump on the back caused by the camera lens. University of Utah electrical and computer engineering scientists think they have solved that problem.

A team of UofU researchers have developed a new kind of optical lens that is much thinner and lighter than conventional camera lenses and also works with night imaging. The development could flatten those camera bumps and has application as well as for drones and night vision cameras for soldiers.

The team's work is profiled in a new research paper profiled in the latest edition of Proceedings of the National Academy of Sciences. The paper is co-authored by UofU electri-

cal and computer engineering graduate students Monjurul Meem, Sourangsu Banerji and Apratim Majumder; electrical and computer engineering associate professors Rajesh Menon and Berardi Sensale Rodriguez; and mathematics associate professor Fernando Guevara Vasquez.

While conventional lenses for smartphone cameras are a couple of millimeters thick, the newly developed lens is only a few microns thick — a thousand times thinner than regular lenses, according to Menon.

"Our lens is a hundred times lighter and a thousand times thinner, but the performance can be as good as conventional lenses," Menon said.

A conventional curved lens takes light that bounces off an object and bends it before it ultimately reaches the

camera sensor that forms the digital picture. But this new lens has many microstructures, each bending the light in the correct direction at the sensor. The team has developed a fabrication process with a new type of polymer along with algorithms that can calculate the geometry of these microstructures.

"You can think of these microstructures as very small pixels of a lens," Menon explained. "They're not a lens by themselves but all working together to act as a lens."

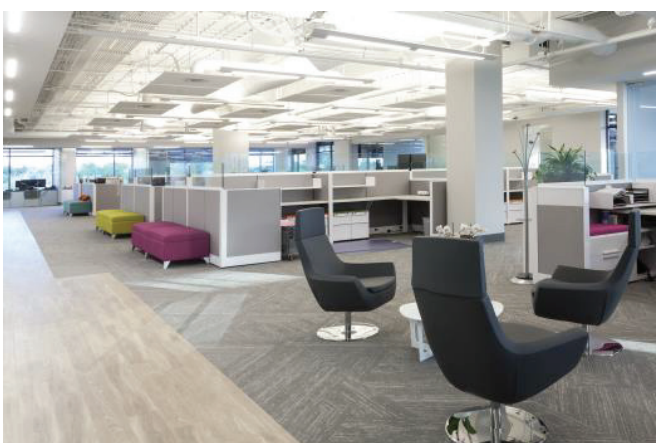
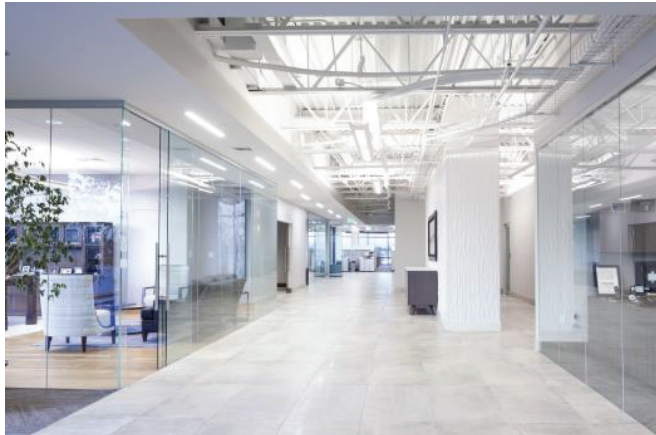
The result is a lens that is flat instead of curved and more than 20 times thinner than a human hair with the added capability of being used in thermal imaging to see objects in the dark.

While the development could ulti-

mately produce smartphone cameras with no bump, it could also give them the ability to record thermal imaging to look for heat signatures. But a more immediate use for this technology would allow lighter military drones to fly longer for night missions or to map forest fires or look for victims of natural disasters. And soldiers in the field could carry much lighter night vision cameras for longer durations.

Menon said the new lens could also be cheaper to manufacture because the design allows them to be created from plastic instead of glass.

The UofU research was funded by the National Science Foundation and the U.S. Office of Naval Research. Menon is currently working to commercialize the lenses with a university startup called Oblate Optics.



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Ranked by Number of Utah Employees

	Company Name Address	Phone Website	Number of Utah Employees	Number of Subscribers	Area(s) Serviced	Top Executive
1	CenturyLink 250 E. 200 S. Salt Lake City, UT 84111	800-244-1111 centurylink.com	2,282	*	United States	Jeff Storey President/CEO
2	Comcast 9602 S. 300 W. Sandy, UT 84070	855-782-1061 xfinity.com	1,400	*	U.S. and international	Brian L. Roberts CEO
3	ServerPlus 555 S. State St., Ste. 100 Orem, UT 84097	801-426-8283 serverplus.com	150	*	U.S. & international	Layne Sisk
4	South Central Communications 318 N. 100 E. Kanab, UT 84741	888-826-4211 socen.com	138	14,000	Central and Southern Utah	Michael R. East CEO
5	Veracity Networks 170 W. Election Road Draper, UT 84020	801-379-3000 veracitynetworks.com	130	20,000	Utah	Marshall Erb CEO
6	CentraCom 1502 N. Technology Way Orem, UT 84097	801-854-5000 centracom.com	110	16,000	Utah, Juab, Sanpete, Sevier & Millard counties; Bear Lake, Wendover, Salt Lake City & Garden City	I. Branch Cox CEO
7	FirstDigital 90 S. 400 W., Ste. M-100 SLC, UT 84101	801-456-1000 firstdigital.com	100	*	Utah and Tucson, AZ	Wesley McDougal President/CEO
8	InfoWest Inc. 435 E. Tabernacle St. St. George, UT 84770	435-674-0165 infowest.com	43	15,000	Utah, Arizona & Nevada	Kelly Nyberg President/CEO
9	Utah Broadband 14015 S. Minuteman Drive Draper, UT 84020	801-953-6706 utahbroadband.com	40	10,000+	Wasatch Front & Wasatch Back	Steve McGhie
10	XMission 51 E. 400 S., Ste. 200 SLC, UT 84109	801-539-0852 xmission.com	36	*	Utah areas & nationwide	Pete Ashdown



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WOMEN

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sen 30 cities — Salt Lake City is among them — to unveil its 5G Ultra Wideband technology by the end of the year. And in September, the Federal Communications Commission announced the creation of its first two Innovation Zones — in New York City and Salt Lake City — that will be city-scale test beds for advanced wireless communications and network research, including 5G networks.

The revolutionary changes allowed by 5G will require businesses to maximize their employees' potential, according to Erwin.

"The nature of the change that's happening in our industry means that no company — no company — can afford to lose the best talent over something as trivial as whether or not you possess a Y chromosome," she said.

To get the best ideas, she said, companies will need the best people, regardless of their gender identity, their ethnicity, their nationality, their disability status or their sexual orientation.

"But it's more than just having a diverse-looking workforce," Erwin said. "If you really want to realize the full potential of that diversity and get the best ideas out of people, you must actively encourage them to be true to themselves and within their organization. Along with diversity comes inclusion and authenticity."

Erwin acknowledged that the voices, talents and perspectives of women inside companies have been overlooked and marginalized. "Such marginalization may not always be conscious. In fact, I would argue it's often unintentional. But it still does real damage, not only to female employees but to companies themselves, because by holding their female employees back, these companies are settling for using way less than 100 percent of their best resources," she said.

A Pew Research Center study in 2018 indicated that female representation in computer occupations is actually shrinking. It was 32 percent in 1990 but now accounts for 25 percent.

"People talk about a digital divide," Erwin said. "That divide has a very strong gender element, and this country is not going to thrive in the fourth Industrial Revolution if we allow that kind of divide to continue to persist."

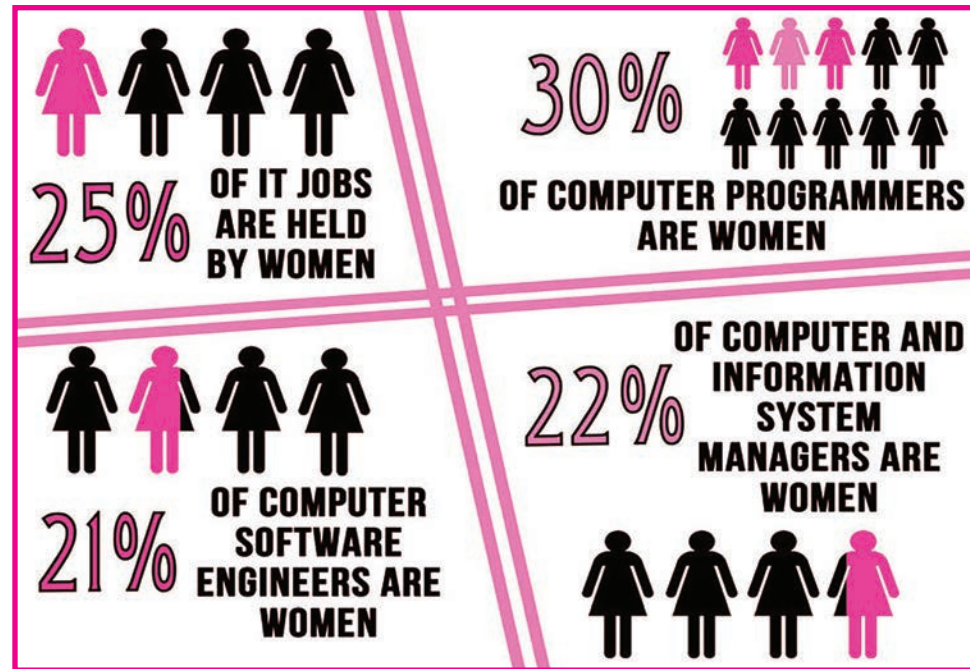
To thwart that persistence, programs have been put in place to help young girls and boys understand "the possibility and power" of their talent and potential in STEM fields, she said.

"We shouldn't forget about it today, however, the female engineers and executives that we have. Our

industry needs to get far more serious about accelerating the progress right now, doing what is necessary to bring

more highly qualified women into the very top of the industry."

She called for more women to be

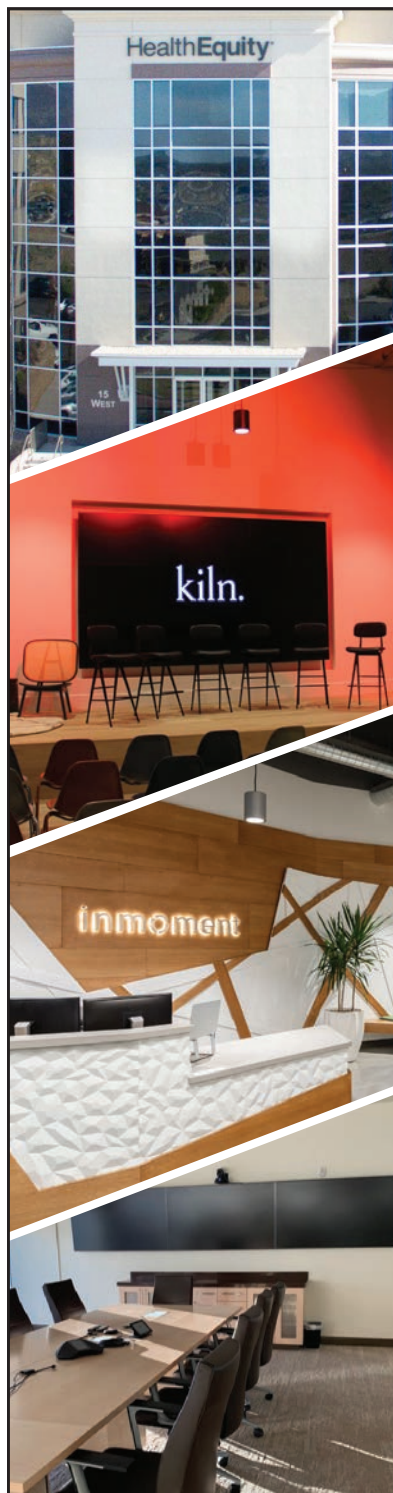


Source: IT Manager Daily

CEOs, serve on company boards, be in leadership positions and be involved in the community. "For this to happen, we cannot see women's advancement as solely a woman's issue," Erwin said. "It is a leadership issue. It is an economic issue."

Erwin encouraged women to be fearless and for everyone to provide them with more opportunities to succeed.

"I would tell you that as we sit here today, on the cusp of the fourth Industrial Revolution, we have an opportunity to dream big. I look around this room and I wonder, 'Who will be the next female CEO?' I wonder if, in this room, sits the first female president of the United States. I think we have nothing but opportunity, and I would argue that now is the time. We must seize the moment, dream big and realize our full potential."



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Ranked by Number of Utah Employees



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2 IM Flash Technologies	4000 N. Flash Drive Lehi, UT 84043	801-767-4000 imflash.com	5,000	Brian Verwer Director of Public Affairs
3 Micro Focus	1800 S. Novell Place Provo, UT 84606	801-861-7000 microfocus.com	4,700	Judy King, Program Product Manager
4 Nu Skin Enterprises	75 W. Center St. Provo, UT 84601	801-345-1000 nuskin.com	3,000	Lance Broderick IT Director
4 Zendesk	1 S. Pinckney St., Ste. 610 Madison, WI 53703	888-670-4887 zendesk.com	3,000	Victoria Evans Field Marketing Manager
6 eBay	583 W. eBay Way Draper, UT 84020	408-376-7400 ebay.com	2,500	Laura Dooley Senior Manager, North America Government Relations
7 Thermo Fisher Scientific	1726 Hyclone Drive Logan, UT 84321	435-792-8500 thermofisher.com	2,499	Sam Marcheschi
8 L3 Technologies, Communication Systems-West	640 N. 2200 W. SLC, UT 84116	800-874-8178 www2.l3t.com/csw	2,144	Andrew Ivers CSG Sector President
9 Adobe	3900 Adobe Way Lehi, UT 84043	385-345-0000 adobe.com	1,500	*
10 Comcast Business	9602 S. 300 W. Sandy, UT 84070	801-401-3262 comcast.com	1,400	Jason Tirrell, Director of Enterprise Sales
10 Overstock.com	799 W. Coliseum Way Midvale, UT 84047	801-947-3100 overstock.com	1,400	Jonathan Johnson CEO
12 Ivanti	688 W. 10000 S., Suite 500 South Jordan, UT 84095	888-253-6201 ivanti.com	1,248	Steve Daly President & CEO
13 HealthEquity	15 W. Scenic Pointe Drive Draper, UT 84020	801-727-1000 healthequity.com	1,200	Richard Putnam Vice President of Investor Relations
13 Ancestry	1300 W. Traverse Parkway Lehi, UT 84043	801-705-7000 ancestry.com	1,200	Meg Quigley Director, Corporate Communications
13 Dell EMC	11747 Lone Peak Parkway Suite 200, Draper, UT 84020	801-449-8300 dell EMC.com	1,200	John Farnsworth Senior Director for Utah SDS, Utah Site Lead
16 AT&T	4393 Riverboat Road Taylorsville, UT 84123	855-307-0385 att.com	1,000	Tara Thue Director of Legislative Affairs
16 Progressive Leasing	256 W. Data Drive Draper, UT 84020	877-898-1970 progleasing.com	1,000	Mark Olson V.P., Marketing & Field Sales Development
18 Qualtrics	333 W. River Park Drive Provo, UT 84604	801-374-6682 qualtrics.com	950	Jeff Harvey Director of Strategic Partners
19 Oracle Corp.	9350 S. 150 E., Suite 600 Sandy, UT 84070	801-601-9000 oracle.com	750	Richard Sarwal Software Support
20 NetflixCS	5376 Amelia Earhart Drive SLC, UT 84116	801-462-0787 netflixcs.com	500	Kris Embury V.P. of Customer Service
20 3M Health Information Systems	575 W. Murray Blvd. Murray, UT 84123	801-265-4200 3m.com	500	Dan McMaster Global Business Director
20 Nav	12936 S. Frontrunner Blvd., Suite 550, Draper, UT 84020	855-226-8388 nav.com	500	Tiffany Chambers Director of Talent
20 Vivint Solar	1800 Ashton Blvd. Lehi, UT 84043	801-216-3927 vivintsolar.com	500	Erica Dahl V.P. of Public Policy and Government Affairs
24 Microsoft	3400 N. Ashton Blvd., Suite 300, Lehi, UT 84043	801-341-5800 microsoft.com	200	*
24 PwC LLP	201 S. Main St., Suite 900 SLC, UT 84111	801-531-9666 pwc.com	200	Stephanie Hewlett Assurance Technology Partner
26 ZAGG	910 W. Legacy Center Way Suite 500, Midvale, UT 84047	801-263-0699 zagg.com	175	Jeff DuBois Public Relations Director
27 Anaplan	50 Hawthorne St. San Francisco, CA 94105	415-742-8199 anaplan.com	*	Ashley Ronkowski Field Marketing Manager

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CALENDAR

from page 14

Dec. 5, 7:30-9 a.m.

Chamber Speaker Series, an Ogden-Weber Chamber of Commerce event. Location is Weber Center, 2380 Washington Blvd., Ogden. Free for chamber members and first-time guests. Details are at ogdenweberchamber.com.

Dec. 5, 8 a.m.-2:30 p.m.

"Managing the Ill or Injured Workers under the ADA, FMLA and Workers' Compensation," an Employers Council event. Location is Employers Council, Utah office, 175 W. 200 S., Suite 2005, Salt Lake City. Cost is \$205. Details are at employerscouncil.org.

Dec. 5, 3-5 p.m.

Public Policy Forum, a Utah Technology Council event focusing on important issues regarding government's impact on business. Location is NICE inContact, 75 W. Towne Ridge Parkway, Sandy. Free. Registration can be completed at Eventbrite.com.

Dec. 6, 8-10 a.m.

First Friday Face to Face, a West Jordan Chamber of Commerce event. Location is Megaplex Theatres, second floor, The District, 3761 W. Parkway Plaza Drive, South Jordan. Details are at westjordanchamber.com.

Dec. 10, 10-11:30 a.m.

"How to Become a Leader

People Will Follow," a West Jordan Chamber of Commerce event. Location is Mountain America Credit Union, 3065 W. 5400 S., Taylorsville. Free for chamber members, \$10 for non-members. Details are at westjordanchamber.com.

Dec. 10, 11:30 a.m.-1 p.m.

Holiday Soiree, a South Valley Chamber Women in Business event. Location is La Caille, 9565 Wasatch Blvd., Sandy. Cost is \$50, \$400 for a table of 10. Registration can be completed at Eventbrite.com.

Dec. 11, 5-7 p.m.

Business After Hours, an Ogden-Weber Chamber of Commerce event. Location is Fat Cats, 2261 Kiesel Ave., No. 1, Ogden. Free for chamber members and first-time guests, \$10 for nonmember guests. Details are at ogdenweberchamber.com.

Dec. 12, 8 a.m.-noon

"Advanced I-9 Practice," an Employers Council event. Location is Employers Council, Utah office, 175 W. 200 S., Suite 2005, Salt Lake City. Cost is \$145. Details are at employerscouncil.org.

Dec. 12, 11:30 a.m.-1 p.m.

Annual Holiday Party and Networking Luncheon, a Davis Chamber of Commerce event. Location is Boondocks Fun Center, 525 Deseret Drive, Kaysville. Cost is \$20. Details are at davischamberofcommerce.com.

Dec. 12, 3-4:30 p.m.

"Master Class: Small-Business Vision Board Workshop," a Women's Business Center of Utah event. Location to be determined. Cost is \$15. Details are at www.wbcutah.org.

Dec. 13, 7:45-9 a.m.

Women in Business Networking, an Ogden-Weber Chamber of Commerce event. Location is Weber Center, 2380 Washington Blvd., Ogden. Free for WIB members. Details are at ogdenweberchamber.com.

Dec. 17, 8 a.m.-noon

"Recognizing and Addressing Workplace Conflict," an Employers Council event. Location is Employers Council, Utah office, 175 W. 200 S., Suite 2005, Salt Lake City. Cost is \$145. Details are at employerscouncil.org.

Dec. 17, 11:30 a.m.-1 p.m.

Business Alliance Networking Luncheon, a Davis Chamber of Commerce event. Location is Boondocks Fun Center, 525 Deseret Drive, Kaysville. Free. No RSVP required. Details are at davischamberofcommerce.com.

Dec. 18, 7:30-8:30 a.m.

Coffee Connection, a Holladay Chamber of Commerce event. Location is 3 Cups, 4670 Holladay Village Plaza, Suite 104, Holladay. Details are at holladaychamber.com.



CLASSIFIED

VOLUNTEERS

International Relief Teams Seeks Skilled Construction Volunteers

International Relief Teams (IRT) is seeking volunteers with construction skills (handypersons or licensed contractors) for one week deployments to U.S. flood affected areas to help those families who cannot financially recover on their own, get back into their homes.

Our construction teams are currently working in Louisiana in the aftermath of last year's record floods, and anticipate we will be needed in Texas in the near future.

Although skilled construction volunteers are our first priority, we will be adding a limited number of unskilled volunteers to each team. All volunteers accepted for this assignment will be flown commercially from an airport near their home to an airport near the job site, leaving on a Sunday and returning the following Sunday. IRT will provide minivans for volunteers to use to for local transportation to and from the arrival airport and to and from the job site.

Teams will be housed at local churches or other suitable facilities. Volunteers are responsible for bringing their own bedding, towels, and toiletries. There is a \$150 volunteer participation fee to help cover airfare and local transportation costs, and volunteers are responsible for their own meals while on assignment.

Work is performed Monday through Friday (full days) and a half day on Saturday. Job assignments generally include installing windows, doors, kitchen cabinets; laying tile, linoleum, or wood flooring; building handicap ramps to the home; roofing; drywall and mudding; finish carpentry work, finishing plumbing; and other related tasks. We ask each volunteer to bring basic hand tools, such as a tool belt, hammer, pliers, putty knives, tape measure, etc. Power tools, generators, compressors, and other large specialty tools are provided by IRT and our local agency partners.

For more information, contact Brett Schwemmer (bschwemmer@irteams.org), or to apply for an assignment, fill out an online volunteer application (www.irteams.org).

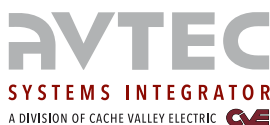
About IRT: Since 1988, IRT has been actively involved in helping families in need in 68 international disasters, and 24 U.S. disasters. IRT construction teams worked for more than six years repairing and rebuilding homes in Mississippi after Hurricane Katrina, and four years in New Jersey after Superstorm Sandy, and is now working in Louisiana after last year's record floods.



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