

GEORGIA BIO™

GOLDEN HELIX AWARDS ANNUAL GALA

— Thursday, June 25, 2020 —

5-7 p.m. • Online celebration via Zoom

Celebrating Georgia's life sciences achievements, innovators & leaders.

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#GaBioAwards

Industry Growth Fellows

Mr. C. Russell Allen (2019)
Dr. Richard A. Hillstead, FAHA (2019)
Dr. Robert Guldberg (2018)
Dr. James Weyhenmeyer (2018)
Dr. Steven L. Stice (2017)
Ms. Tiffany Wilson (2017)
Dr. Todd Sherer (2016)
Mr. Daniel White (2016)
Mr. Steven G. Anderson (2015)
Mr. Frank McDaniel (2015)
Mr. David Hartnett (2014)
Mr. David Perryman (2014)
Dr. Jay S. Yadav (2013)
Commissioner Chris Cumiskey (2013)
Mr. Edward J. Schutter (2012)
Dr. James W. Wagner (2012)
Dr. Annie Hunt Burriss (2011)
Mr. Russell H. Plumb (2011)
Dr. Louis W. Sullivan (2010)
Mr. John P. Richard (2010)
Dr. Thomas H. Callaway (2009)
Commissioner Kenneth C. Stewart (2009)
Mr. Phil Moïse (2008)
Dr. Lee Herron (2008)
Dr. Don P. Giddens (2007)
Dr. Eric Tomlinson (2007)
Mr. Michael Cassidy (2006)
Dr. Russell Medford (2006)
Dr. Michael Johns (2005)
Mr. David Dodd (2005)
Dr. Robert McNally (2004)
Dr. Dennis Liotta (2003)
Dr. Raymond Schinazi (2003)
Governor Roy Barnes (2002)
Dr. Robert M. Nerem (2001)
Mr. Parker H. (Pete) Petit (2000)
Mr. Bill Todd (1999)

WELCOME

Thank you for joining us for the 2020 Georgia Bio Golden Helix Awards and Annual Gala! Tonight's awards dinner serves as a celebration of the contributions and achievements of Georgia's leading life science innovators whose breakthroughs lead to new cures and treatments for patients. As we celebrate and recognize the impact that Georgia's therapeutic, diagnostic, medical device, digital health, agricultural and industrial biotechnology companies are making around the globe, we also take this time to reflect on Georgia Bio's banner year in 2019.

Last year, we celebrated 30 years of working to advance the interests and growth of the life sciences industry in Georgia. Throughout the year we had a number of accomplishments including: publishing our first industry report in 9 years which showed a 14.9 percent growth in the life sciences industry between 2007 and 2017, nearly doubling the national average of 7.7 percent; growing the GaBioEd Institute which was funded by the State of Georgia to expand its teacher training program; welcomed 37 new member organizations; launched a new website and PR campaign; hosted the largest Innovation Summit in over 5 years; welcomed new staff; increased our presence at the state capitol working to advance issues and educate policymakers; and rolled out a new 12 month strategic plan.

Through our members and partnerships with economic developers, we will continue to strengthen the life sciences community throughout the state. We hope you will get engaged within one of our strategic pillars in 2020.

We are honored to have you all with us this evening and I hope you will join me in congratulating all awardees.

Maria Thacker Goethe

Maria Thacker Goethe
President and CEO, Georgia Bio



This evening is dedicated to the memory of Dr. Robert M. Nerem. A visionary leader, mentor, friend, and collaborator. 1937-2020

SCHEDULE OF EVENTS

Keynote Speaker



Scott Whitaker

Scott is President and CEO of AdvaMed, the world's largest medical technology association. AdvaMed members make the medical devices, diagnostic products and health information systems that are transforming health care through earlier disease detection, less invasive procedures and more effective treatments, to help people live longer, healthier lives. AdvaMed members range from the largest to the smallest medical technology innovators and companies.

As CEO of AdvaMed, Whitaker is the voice of the medical technology industry. He is widely recognized as a top health care advocate and policy expert with experience across multiple health policy sectors, having worked successfully with diverse stakeholder groups – including hospital, patient and physician groups, regulators, public and private payers, and global trade organizations – to advance medical technology innovation and timely patient access to next-generation treatments and cures.



TEACHER OF THE YEAR AWARD (5:40 PM)

- Stan Harrison, Morgan County High School

EMERGING LEADER OF THE YEAR AWARD (5:40 PM)

- Alexa Morse, Global Center for Medical Innovation

PHOENIX AWARD (5:40 PM)

- Children's Healthcare of Atlanta | Georgia Institute of Technology

COMMUNITY AWARDS (5:50 PM)

- Michael Fisher, Global Center for Medical Innovation
- Gerresheimer
- Jayne Morgan, M.D., Piedmont Healthcare
- Cynthia Sundell, Ph.D., Georgia Institute of Technology
- University of Georgia Poultry Diagnostic & Research Center

DEALS OF THE YEAR AWARDS (6:00 PM)

- Alcon (Acquisitions)
- Aruna Bio (Private Financing)
- Danimer Scientific (Private Financing)
- Emory Vaccine Center (Public Financing)
- Georgia Cancer Center (Public Financing)
- Guide Therapeutics (Private Financing)
- Takeda (Acquisitions)
- Tempus and AKESOGen (Acquisitions)
- University of Georgia Center for Vaccines and Immunology (Public Financing)

INNOVATION AWARDS (6:10 PM)

- AnemoCheck Platform, Sanguina, Inc.
- DisasterMed, R6 Industries
- Micro C, OXOS Medical, Inc.
- Mito Test, Infrared Rx, Inc.

LEGISLATOR OF THE YEAR AWARDS (6:15 PM)

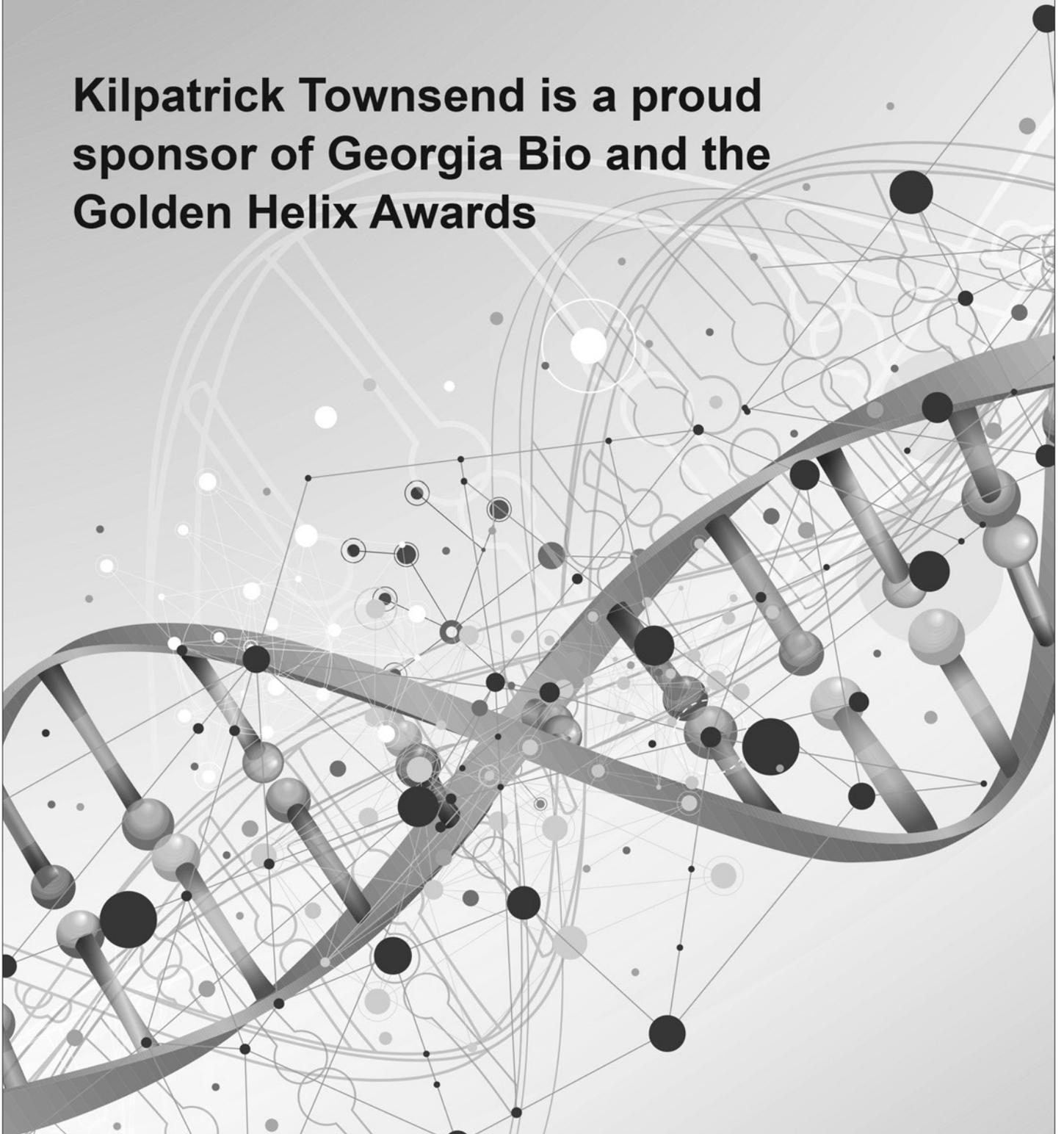
- The Honorable Ellis Black, Georgia State Senate
- The Honorable Robert Dickey, Georgia House of Representatives
- The Honorable Terry England, Georgia House of Representatives
- The Honorable Jack Hill, Georgia State Senate
- The Honorable Randy Nix, Georgia House of Representatives
- The Honorable John Wilkinson, Georgia State Senate

INDUSTRY GROWTH AWARDS (6:20 PM)

- Patty Fritz, Georgia Bio Chair and VP U.S. Corporate Affairs for UCB, Inc.
- Philip G. Gibson, Ph.D., Georgia BioEd Institute Chair and Director, Georgia BioScience Training Center at Quick Start



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TEACHER OF THE YEAR AWARD

The Teacher of the Year Award recognizes excellence in STEM teaching and support for the biotechnology pathway by current high school biotechnology teachers.

Stan Harrison **Morgan County High School**

Stan Harrison devised, developed and runs the biotechnology program at Morgan County High School's Academy of Science & Technology in Madison, Ga. He is a member of CMat, a current RET Fellow at the Regenerative Bioscience Center at UGA with the Mortensen stem cell lab and previously with the Pierce Lab at the Complex Carbohydrate Research Center, UGA, studying glycoprotein markers for early stage cancer testing. Stan received the 2019 Paul A Duke GIFT Teacher Award from CEISMC program at Georgia Tech and is currently serving as a lead instructor for the GaBioEd Rural Teacher Training Initiative. Stan's biotechnology pathway at Morgan County High includes: raising and passaging mesenchymal stem cells in collaboration with the Mortensen Lab, EVO DEVO yeast research in collaboration with the Ratcliff Lab at Georgia Tech, and a yearly aquaculture project, raising 100 Tilapia from 1-inch fingerlings to 2 lbs. for harvest and fish fry.



EMERGING LEADER OF THE YEAR AWARD

Awarded to individuals who have made a significant impact on the life sciences industry through their studies or employment. An "emerging leader" is someone who is currently involved with graduate or postdoctoral studies, or who has completed their education within the past 10 years.

Alexa Morse **Global Center for Medical Innovation**

Alexa Morse is the Portfolio Manager of the Accelerator Program and Business Development at the Global Center for Medical Innovation (GCMI). She is passionate about the intersection of health and technology and is dedicated to helping startups get to market quicker to improve healthcare. Alexa's background is in public health and health IT, and prior to GCMI, she spent time working in the federal government and the digital health startup space.

Alexa was awarded the David Cowan scholarship in 2017 from Georgia HIMSS for her leadership in health IT and she has been an active member of Georgia Bio's Emerging Leaders Network as the Industry Tours and Briefings Leaders. She also volunteers with Women in Technology and Start:ME at Emory.



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PHOENIX AWARD

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The Phoenix award represents the iconic “rising from the ashes” of the Phoenix, a symbol of strength, tenacity and leadership and is presented to celebrate the best Industry and Academics collaboration. Georgia honorees will have forged academic and industry relationships that will drive translation and lead to new treatments and cures.

Children’s Healthcare of Atlanta / Georgia Institute of Technology



In 2012 Georgia Tech and Children’s Healthcare of Atlanta formed an official partnership for joint pediatric research. Seeded by a multimillion dollar gift from Children’s, the goal of the partnership is to accelerate pediatric innovation and focus on solving real clinical problems unique to pediatric medicine. The partnership provides extraordinary opportunities for collaboration among world-class scientists, engineers, pediatric doctors, and nurses, creating breakthrough discoveries that can only be found at the intersection of multiple disciplines.

The GT-Children’s partnership has seeded research that has resulted in over \$50 million in extramural funding, established two endowments to support continuing research (\$5 million Imlay Innovation Endowment and \$8.5 million Val and Bud Peterson Endowment), awarded three pediatric research chairs, and filed numerous patents. By bringing fundamental and practical advances to the clinic and bedside, it has enhanced the lives of many children and young adults in Georgia and the Southeast, and its pace and impact are accelerating. For more information, see www.ptc.gatech.edu.

SAVE THE DATE

for 2020 Georgia Bio Signature Events:

September 2020

Georgia Bio Patient Advocacy Summit

Virtual Platform

October 13-14, 2020

Georgia Bio Innovation Summit

Virtual Platform

COMMUNITY AWARDS

Awarded to a small number of individuals, companies or institutions whose contributions to Georgia’s life sciences community are worthy of special recognition.

Michael Fisher Global Center for Medical Innovation



Michael Fisher is the Director of Product Development for the GCMI. He has been developing medical products since 1997. Prior to joining GCMI, Mike specialized in project management with DePuy and CR Bard. He has significant experience in orthopedics, urology, plastic surgery, and tissue engineering. His work with large med tech companies involved in new technology acquisitions, sustaining engineering, project team management, and International manufacturing. He developed multiple products, led four successful 510(k) applications, and is a named inventor on over 40 US patents.

Outside of GCMI, Mike sits on academic advisory boards at Virginia Tech, lectures on engineering ethics, biomaterials, orthopedic product development, while also supporting community STEM education. Mike earned two degrees in Engineering Mechanics from Virginia Tech with specialization in biomedical engineering (BS '93, MS '96).

Gerresheimer



Gerresheimer is a leading global partner to pharma and healthcare. We design, manufacture and provide worldwide logistics for specialty medical glass and plastic products contributing significantly to global health and well-being. Each year, the employees of our ISO 9001 and 13485 certified plant in Peachtree City, Georgia, the U.S. headquarters of our Medical Plastics division, design, manufacture, and ship hundreds of millions of products to every corner of the globe. We are proud to be an active member of Georgia’s burgeoning life sciences industry, a responsibility we take seriously, working hard to ensure our contribution continues well into the future. As such, over the last five years we’ve invested more than \$15 million in our Peachtree City plant’s infrastructure, nearly doubling the size of our workforce. With similar plans for the future, we welcome collaboration and are happy to host visitors. For more info please contact aaron.mestman@gerresheimer.com.

Jayne Morgan, M.D.
Piedmont Healthcare

Jayne Morgan, M.D. is a Cardiologist and the Director of Innovation at the Piedmont Healthcare Corporation in Atlanta, GA. She is accountable for building an Innovation network within Piedmont and identifying and aligning opportunities for technology development and/or process improvement. She sets the vision, trajectory, and long-term strategic scaling and sustainability for the Office of Innovation, as well as seeking key partnerships and stakeholders to progress these goals. Further, she supports the development of all internal Intellectual Property of Piedmont employees and progresses these projects within the incubator.



sponsored research, technology commercialization, and creative scholarship. Prior to coming to Georgia Tech, Sundell spent 16 plus years as a life science executive in the U.S. and abroad designing and implementing corporate strategies in discovery research and clinical development. Sundell brings a strong knowledge of regulatory and commercial environments as well as extensive management experience including leadership of global pharmaceutical development teams to her role at Georgia Tech.

University of Georgia Poultry Diagnostic & Research Center

The Poultry Diagnostic and Research Center is part of the Department of Population Health. The mission of PDRC is threefold: teaching, research, and service in poultry medicine. Teaching includes lectures on poultry medicine in the veterinary medicine professional curriculum, the Master of Avian Medicine program, the Master of Avian Health and Medicine online program, and training researchers in poultry medicine through MS and Ph.D. programs. Applied and basic research programs target the diagnosis and control of economically important diseases of poultry. Service is provided through the avian diagnostic laboratory and consultative services to the commercial poultry industry.



Cynthia Sundell, Ph.D.
Georgia Institute of Technology

Cynthia Sundell, Ph.D. is the Senior Director for Life Sciences at Georgia Institute of Technology's Parker H. Petit Institute for Bioengineering and Bioscience and is a Principal in VentureLab. In her role in the Petit Institute and VentureLab, Sundell works with researchers to enable new medical innovation,



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DEAL OF THE YEAR AWARDS

Awarded to one or more companies or institutions for the most significant financial or commercial transactions closed from November 1, 2018 – December 31, 2019, based on the importance of the transaction to Georgia's life sciences industry.

Alcon (Acquisitions)

Alcon, the global leader in eye care, announced in March 2019, that it acquired PowerVision, Inc., a privately-held, US-based medical device development company focused on creating fluid-based intraocular lens implants. This acquisition demonstrates Alcon's commitment to driving growth and innovation in advanced technology intraocular lenses (AT-IOLs) to meet the needs of cataract surgery patients who desire spectacle independence. PowerVision, Inc. develop fluid-based accommodating intraocular lenses for cataract surgery patients. Fluid-based intraocular lens utilizes the eye's natural accommodative response to provide near and intermediate vision, in addition to distance vision commonly provided by basic IOLs. The acquisition furthers Alcon's commitment to bring this innovative, accommodating lens to cataract patients throughout the world. Commercial availability of PowerVision's IOL technology will be determined following significant additional development and clinical trials of the intraocular lens. Alcon leads the industry in global IOL share and estimates double-digit growth in AT-IOLs, largely driven by new innovations.



Aruna Bio (Private Financing)

Aruna Bio, Inc., is the leader in the development of neural exosomes for the treatment of neurodegenerative diseases and stroke. The company is utilizing its proprietary neural exosomes to develop therapeutics capable of revolutionizing the treatment of neurodegenerative diseases where significant unmet medical need exists. Exosomes are micro-sized vesicles released and received by nearly all cells in the body and serve as a natural cellular communication system. Neural exosomes are capable of reaching the site of injury or disease in the brain and have the ability to treat diseases based on their anti-inflammatory, self-repair and protective mechanisms of action. The company's co-founders, Dr. Steven Stice, CSO, Georgia Research Alliance Eminent Scholar, Professor and Director of the Regenerative Biosciences Center at the University of Georgia, and Tracey Worthington Stice, COO, have well over twenty years of experience in neural stem cell research and manufacturing. Aruna Bio is based in Athens, Georgia.



Danimer Scientific (Private Financing)

Danimer Scientific is a pioneer in creating more sustainable, more natural ways to make plastic products. For more than a decade, our renewable and sustainable biopolymers have helped create plastic products that are biodegradable and compostable. They return to nature instead of polluting our lands and waters. Danimer Scientific's Nodax™ PHA is certified to biodegrade in marine, freshwater, soil as well as home and industrial compost environments. It is also 100% biobased. Through our partnerships with brand owners and converters, we have developed commercially viable resins that are utilized in snack food packaging, straws, take out containers and more. These products are designed to offer better end-of-life scenarios than traditional plastics.



A Biotechnology Company

Emory Vaccine Center (Public Financing)

The Icahn School of Medicine at Mount Sinai and Emory University has formed a joint vaccine center co-lead by

Drs. Florian Krammer (Mt. Sinai) and Rafi Ahmed (Emory) that is part of the large Collaborative Influenza Vaccine Innovation Centers (CIVICs) network of research centers. Total funding of \$132 million from the National Institute of Allergy and Infectious Diseases (NIAID), a branch of the National Institute of Health (NIH), for the Mount Sinai-Emory Multi-Institutional Vaccine Center (SEM CIVIC) will be distributed over seven years. The SEM CIVIC will collaborate in a coordinated multidisciplinary effort to develop more durable, broadly protective, and longer-lasting influenza vaccines. This will be achieved through an iterative process of vaccine design, preclinical testing of candidates in animal models, clinical trials in collaboration with other CIVIC components and detailed assessment of immune responses (humoral and cellular) in animals and humans. SEM CIVIC combines expertise in vaccinology and translational vaccine development, molecular virology, immunology including B- and T-cell immunity, antibody function and innate immunity, structural biology, epidemiology and computational biology. The SEM CIVIC team is comprised of investigators with a strong background in influenza virus research as well as investigators who are new to the field.



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Georgia Cancer Center
(Public Financing)

In 2019, the Georgia Cancer Center at Augusta University was awarded a six-year \$6 million grant from the National Cancer Institute (NCI) to lead a statewide initiative that improves access to innovative cancer clinical trials for underserved individuals across Georgia. This award is one of only 14 NCI Community Oncology Research Program (NCORP) Minority/Underserved Community Sites nationally and Dr. Sharad Ghamande is the principal investigator. Research shows only 1 out of 20 cancer patients enroll in clinical trials. Of those patients, less than 5 percent are minorities. The Georgia Cancer Center network had a 49% minority patient accrual in clinical trials during the preceding five year grant. According to the NCI, the overall goal of NCORP is to bring cancer clinical research studies to individuals in their own communities, thereby generating a broadly applicable evidence base that contributes to improved patient outcomes and a reduction in cancer disparities.



Guide Therapeutics
(Private Financing)

Guide Therapeutics, Inc. (GuideTx), an Atlanta based biotech company developing nucleic acid therapeutics, closed a total of \$8M by GreatPoint Ventures, a San Francisco based venture capital firm as well as Biomatics Capital, a leading Seattle based life science venture capital firm. The funding is being used to support in-house discovery work related to non-viral gene therapies. Using a proprietary DNA barcoding screening platform that performs thousands of drug delivery experiments directly in vivo, GuideTx identifies nanoparticles that deliver DNA or RNA to cell types others cannot reach. For more information, visit www.guidetx.com.



Takeda
(Acquisitions)

On Jan. 8, 2019, Takeda completed its acquisition of Shire, becoming a global, values-based, R&D-driven biopharmaceutical leader headquartered in Japan, committed to bringing Better Health and a Brighter Future to patients by translating science into highly-innovative medicines. The deal vaulted Takeda into the ranks of the world's largest pharmaceutical companies and expanded Takeda's geographic footprint for its medicines to approximately 80 countries and regions with dedicated employees worldwide and annual sales exceeding \$30 billion.



Takeda focuses its R&D efforts on four therapeutic areas, Oncology, Gastroenterology (GI), Rare Diseases and Neuroscience, and makes targeted R&D investments in Plasma-Derived Therapies and Vaccines.

Takeda has grown its presence in Georgia by continuing to ramp up and invest in its state-of-the-art plasma manufacturing facility near Social Circle and by opening new BioLife Plasma Services collection centers across the state. Takeda is committed to working with partners throughout Georgia to build a stronger and more sustainable life sciences ecosystem.

GCMC is the Southeast's first and only comprehensive medical technology innovation center, dedicated to accelerating development, building businesses, and improving health.

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DEAL OF THE YEAR AWARDS

(Continued)

Tempus and AKESOgen (Acquisitions)



AKESOgen Inc., an industry-leading commercial laboratory facility and provider of genomics and precision medicine that works with the pharmaceutical, biotechnology, clinical, academic, and government sectors for diagnostic clinical testing and research was acquired by Tempus, Inc. laboratories in December 2019. Tempus, advances precision medicine through the practical application of artificial intelligence in healthcare. The acquisition bolsters Tempus' capabilities into multi-omics and provides strategic capabilities beyond its own lab in Chicago. AKESOgen's Clinical Laboratory Improvement Amendments (CLIA) compliant and the College of American Pathologists (CAP) accredited facility offers a range of testing services, including inherited risk for cancer, microbiome profiling, whole genome genotyping, and epigenomic methylation profiling. For more information, visit www.akesogen.com.

University of Georgia Center for Vaccines and Immunology (Public Financing)



CENTER FOR VACCINES
AND IMMUNOLOGY

Seasonal influenza causes hundreds of thousands of hospitalizations and tens of thousands of deaths in the United States each year. The Collaborative Influenza Vaccine Innovation Centers (CIVICs) program was created by the National Institutes of Health to develop more durable and broadly protective influenza vaccines. The Center for Influenza Vaccine Research for High-Risk Populations (CIVR-HRP) at the University of Georgia (UGA) was established using a 7-year contract totaling \$130 million dollars to provide a comprehensive assessment of broadly protective influenza vaccine candidates integrated with fundamental research on protective host responses to provide insight into the mechanisms that drive influenza vaccine effectiveness in the most vulnerable, high-risk populations. Using computational methodologies, broadly reactive influenza vaccines are being assessed using cutting-edge scientific and statistical modeling technologies. A network of 35 principal investigators at 15 national/international institutions, led by the Center for Vaccines and Immunology at UGA, are investigating novel platforms to deliver universal influenza vaccines, as well as assessments of host responses to influenza vaccination and infection in high-risk populations.

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INNOVATION AWARDS

The Innovation Award honors the department, institution, company or individuals who are forging new ground by thinking outside traditional paradigms to create some unique technology.

AnemoCheck Platform, Sanguina, Inc.

Sanguina is an Atlanta-based wellness and diagnostics company founded in 2014. We have developed the AnemoCheck product suite, comprised of AnemoCheck Home, a rapid, disposable, home-based, hemoglobin determination test, and AnemoCheck Mobile, a smartphone app for completely non-invasive and equipment-free hemoglobin estimation self-testing. Together, our suite of products empowers all individuals to take a more active role in their healthcare by enabling unprecedented access to their information regarding anemia status and by creating a favorable user experience for anyone at risk for anemia as well as patients suffering from chronic anemia. The first generation of AnemoCheck Mobile will launch this spring and upon securing FDA over-the-counter clearance, AnemoCheck Home is expected to launch by the end of the year. Overall, our mission is to enable everyone to perform their best by monitoring their anemia, whenever, wherever, by offering access to “your health at your fingertips.”



DisasterMed, R6 Industries

R6 Industries is devoted to developing technologies to improve evacuee healthcare outcomes and save victims' lives. Our first product, DisasterMed, is an electronic healthcare management system that easily and quickly identifies and tracks evacuee symptoms, needed medications, and resources in disaster situations. This information is displayed conveniently in real-time on dashboards and is accessible by multiple stakeholders simultaneously, allowing for efficient logistical decisions such as resource and personnel distribution. This reduces the economic burden of disasters by minimizing the spread of disease, reducing the number of unnecessary ER visits, etc. The MVP has been validated at national level disaster preparedness conferences and is currently being demoed with high hurricane impact states.



Micro C, OXOS Medical, Inc.

OXOS Medical, Inc. focuses on accelerating innovation in orthopedic imaging. OXOS manufactures the Micro C, the world's first handheld x-ray for use in clinical and surgical orthopedic care scenarios. Micro C pushes x-ray to the point of care, enabling musculoskeletal imaging with greater clarity, safety, accuracy, and speed. Every OXOS device connects to our leading orthopedic imaging platform, allowing unprecedented orthopedic image management and knowledge sharing while simultaneously enabling new machine learning workloads never before accessible to orthopedics. OXOS brings x-ray out of the radiology suite directly to the point of care.



Mito Test, Infrared Rx, Inc.

Infrared Rx has developed the “Mito Test” – a non-invasive way of measuring how muscles use oxygen needed to generate power. The Mito Test interprets infrared light signals to provide an index of mitochondria health in skeletal muscle, providing researchers a fast and low-cost way of better understanding the causes and treatments of fatigue and muscle pain.



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LEGISLATOR OF THE YEAR AWARDS

Recognizes state legislators for their support of the life sciences industry in Georgia.

The Honorable Ellis Black Georgia State Senate

Ellis Black, a Republican, was elected in 2015 to serve Senate District 8, which includes Brooks, Clinch, Cook, Echols, Lanier and Lowndes counties and portions of Thomas County. In the Senate, Sen. Black serves as the Chairman of the Retirement Committee, Secretary of the Science Agriculture and Consumer Affairs Committee and as a member of the Education and Youth and Appropriations Committees, as well as an ex-officio member of the Finance Committee. Sen. Black's community involvement is extensive and includes active membership with many organizations. Sen. Black has served on the Board of Directors for the Lowndes County Farm Bureau, is a member of the Valdosta-Lowndes County Chamber of Commerce, the Brook's County, Echols County, Lake Park and Lowndes County Historical Societies and a member of the Southeast Ag Coalition. He is also involved with the Brooks County Airport Authority and the Regional Development Authority. Upon graduating from Lowndes County High School, Sen. Black attended the University of Georgia, where he earned his B.S.A. Now a farmer, he is married to Aletha M. Black. The couple attends the Clyattville United Methodist Church.



The Honorable Robert Dickey Georgia House of Representatives

Representative Robert Dickey is serving his fifth term in the Georgia House of Representatives for House District 140, which covers Crawford County and parts of Bibb, Houston, Monroe and Peach counties. A fourth generation peach and timber grower, Rep. Dickey, along with his father, owns Dickey Farms, Inc., which was started by his great-grandfather in 1897. He is very active in the agriculture industry serving as a current board member and past president of the Georgia Peach Council. He has also served as president and treasurer of the National Peach Council. He is a member of the Georgia Commodity Commission for Peaches and the Georgia AgriBusiness Council. He is past president and current board member of the Crawford County Farm Bureau. Rep. Dickey was a founding board member for the Georgia Agri-Leaders Forum, an agricultural leadership course that currently trains individuals in the agriculture and agri-business industry. He believes in educating others in leadership who are interested in the agriculture industry. Rep. Dickey served on the governor's Agricultural Advisory Board from 2002-2010.



The Honorable Terry England Georgia House of Representatives

Representative Terry England has spent his entire working life as a farmer and agribusinessman. Elected into the Georgia House of Representatives in 2004, he currently serves as chairman of the House Appropriations Committee and co-chair of the Agricultural Education Advisory Commission. He also serves on the following committees in the House: Agriculture & Consumer Affairs; Education; Natural Resources & Environment; Industry and Labor; as well as Ways & Means (ex-officio). In the General Assembly, he serves on the Legislative Services Committee and the Fiscal Affairs Sub Committee. He has served as chairman of the Southern Legislative Conference Agricultural and Rural Development Committee and currently serves on the Executive Committee of that organization. He currently serves at the pleasure of the residents of the 116th House District. Rep. England has been married to the former Cindy Casper of Winder for over 30 years. Both are active in the Auburn First Baptist Church, where Terry serves as a deacon and Cindy serves as CFO and works in the nursery.



In Memory of The Honorable Jack Hill Georgia State Senate

Senator Jack Hill of Reidsville, a Republican, was first elected to the Georgia Senate from the 4th District in 1990 and was reelected in 2018 to his 15th two-year term. Senator Hill was chairman of the Senate Appropriations Committee, vice chairman of Senate Rules Committee and also served on the Natural Resources and the Environment and Regulated Industries and Utilities committees as well as an ex-officio member of the Finance and Retirement Committees. Past chairmanships include: K-12 Education, Ethics and Higher Education. He headed a Study Committee whose recommendations resulted in the expansion of the state's jobs tax credit for economically depressed areas and he authored a constitutional amendment that created regional taxbase sharing industrial parks. Senator Hill had long been a proponent of "early voting" legislation, which he introduced and passed in the Senate in 1999. Early voting eventually became law as part of a package of election reforms. Senator Hill sponsored legislation that created a five percent fine surcharge to fund local victims' assistance programs statewide. Senator Hill led the development of the Vidalia Onion Research Center in the heart of the Vidalia onion growing district. He had helped secure funding that utilizes inmate details working with UGA researchers on solving plant issues for Vidalia onion growers as well as research on other vegetables grown in the area.



**The Honorable Randy Nix
Georgia House of Representatives**

Representative Randy Nix of LaGrange, Georgia, brings a wealth of knowledge to the Georgia House of Representatives from his career in the financial services industry with experience in investments, insurance and banking. The 2020 legislative session will mark 13 years of service Nix has given to the people of the 69th district as their representative in the Georgia House of Representatives. The district encompasses parts of Carroll, Heard and Troup counties. Rep. Nix serves as the chairman of the Ethics Committee and the Secretary of the Banks & Banking Committee, in addition to serving as a member of the Appropriations, Education, Economic Development & Tourism, Legislative & Congressional Reapportionment and Natural Resources and Environment committees. He also serves as an ex-officio member of the Judiciary Committee.



**The Honorable John Wilkinson
Georgia State Senate**

Senator John Wilkinson, a Republican from Toccoa, was first elected to the State Senate for Georgia's 50th District during a special election in 2011 and has been reelected to serve in three subsequent elections. Senator Wilkinson represents Banks, Franklin, Habersham, Rabun, Towns, Stephens and portions of Hall and Jackson counties. In 2014, Senator Wilkinson was elected by his colleagues to serve as the Majority Caucus Secretary. He also serves as the Chairman of the Agriculture and Consumer Affairs Committee and as Vice-Chairman of the Education and Youth Committee. In addition, Senator Wilkinson is a member of the Committee on Assignments and the Administrative Affairs Committee. He is also a member of the Appropriations and Natural Resources and the Environment Committees. Senator Wilkinson is an Ex-Officio member of the Rules Committee and was appointed to serve on the COPS Task Force in 2017.



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INDUSTRY GROWTH AWARDS

Awarded annually to two people who have made an extraordinary contribution to the growth of the life sciences industry in Georgia.

Patty Fritz, Georgia Bio Chair and VP U.S. Corporate Affairs for UCB, Inc.

Patty Fritz is head of U.S. Corporate Affairs at UCB. She oversees public policy, government affairs, advocacy, communications and public affairs, as well as UCB's office and strategic priorities in Washington, D.C. Patty has made a significant impact in different leadership roles including regulatory affairs, operational excellence, health policy, and UCBCares®. Patty led the regulatory efforts for UCB's first product filing in the US – Keppra® (levetiracetam) – and oversaw the FDA approval process for many of UCB's other products. Patty was a driving force behind UCB's Women in Leadership initiative and was recently recognized by *PharmaVOICE* magazine as one of the 2019 100 most influential and inspirational leaders in the life sciences industry. Outside of UCB, she serves as chair of the board for Georgia Bio, a member of The Carter Center Board of Councilors, and on the Board of Directors of the National Pharmaceutical Council (NPC) and the Innovation and Value Initiative (IVI).



Philip G. Gibson, Ph.D. Georgia BioEd Institute Chair and Director, Georgia BioScience Training Center at Quick Start

Philip G. Gibson, Ph.D., is the Director of the Georgia BioScience Training Center for Georgia Quick Start. The training center is a state-of-the-art training center capable of delivering biomanufacturing training on large scale equipment typical to the biomanufacturing industry.

Appointments: Georgia BioEd 2019-20 Board Chair, Georgia Bio Board of Directors Executive Committee Member, National Executive Leadership Council (NELC) Co-Chair of the National Science Foundation Consortium for Advanced Manufacturing of Cell-based Therapies, Biotility Advisory Board Chair, National Science Foundation Cell Manufacturing Technologies (CMaT), CTAE Advisory Board and 2019-23 CTAE Strategic Plan Steering Committee Member, and Atlanta Technical College Bioscience Program Advisory Board.

He is the recipient of the 2019 Georgia Bio Golden Helix Industry Growth Award Winner, 2007 Georgia Green Industry Association's Educator of the Year Award, 2000-01 President's Award at Gwinnett Technical College and 1987-88 President's Award at John Wieland Homes. He is clerk at Alps Road Presbyterian Church.



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