

Contact: Mary Braun

ANNUAL ECONOMIC DEVELOPMENT AND TECHNOLOGY TRANSFER REPORT

Action Requested: Receive the report.

Presentation to the Board: The Board will hear from business customers of Regent universities research and economic development services, giving the Board a first-hand perspective of what the Regent universities provide to business and industry across the state, as well as showcasing the research that is such a benefit to the state of Iowa. The three presenters are scheduled to be:

- Debi Durham, Director of the Iowa Economic Development Authority and Iowa Finance Authority
- Gage Kent, Chief Executive Officer of Kent Corporation, Chair of the Iowa Business Council's Business Education Alliance subgroup, and Chair of ISU's Ivy College of Business Advisory Council; Kent Corporation also has space at the ISU Research Park
- Joe Murphy, Executive Director of the Iowa Business Council.

Full Reports Available: The full fiscal year (FY) 2021 annual reports from the University of Iowa (UI), Iowa State University (ISU) and the University of Northern Iowa (UNI) are available on the Board of Regents website and will be provided to the General Assembly, Governor's Office, Legislative Services Agency and the Iowa Economic Development Authority as required by law.

Executive Summary: Iowa's three public universities collaborate with business and industry and with each other to foster success for all economic development and entrepreneurship efforts in Iowa. They significantly impact Iowa on a daily basis and demonstrate to the public the value of research through research-based expertise and business assistance directly to Iowa's people, industry and communities in all 99 counties. Conducting academic research also results in intellectual property discoveries and innovations available to business, industry and the marketplace; and it provides Iowa with an educated workforce. Research and scholarship from faculty and staff at the Regent universities often lead to the discovery of innovations that can improve the quality of life for people in the state, the nation, and worldwide.

The Regent universities research and economic activities outlined in their reports meet the Board of Regents Strategic Plan, Priority 2, Objective 2.3: The Regent Enterprise will build strategic collaborations among universities and with outside entities to foster opportunities for innovation and economic development. Each institution shall report annually on significant partnership and/or collaboration activities. This includes both quantitative and qualitative metrics that demonstrate the impact of these activities.

FY 2021 Highlights:

Both Iowa State University (ISU) and the University of Iowa (UI) set research funding records in FY 2021. The Regent universities faculty and researchers compete with other faculty and researchers from around the world to win this funding for their work. Students are the beneficiaries of this hard work as they get hands-on experience participating in this research.

The Regent universities work diligently to develop breakthroughs that help to improve Iowa's economy through economic development, technology transfer and commercialization of research. Collectively, the three universities provided \$1.45 billion dollars in total sponsored funding to the State of Iowa in FY 2021, an increase of \$242 million from last fiscal year. Over half of the total

(\$790.3 million) comes from competitive federal grants and awards. This sponsored funding includes federal Higher Education Emergency Relief Fund (COVID Relief) funding.

The Regent universities provide assistance to Iowa businesses and start-up companies across Iowa. The numbers fluctuate on an annual basis, but generally reflect an upward trend over several years. In FY 2021, there were nearly 4,500 employees in the 185 companies located in the university research parks and incubators, 96 license and option agreements on institutional intellectual property were executed and 158 patents were awarded. These numbers only tell part of the story. First, the value added by providing assistance to licensees and startup companies as they take these (usually) early stage research ideas and turn them into revenue is not reflected. In addition, information on revenue from licensed patents is only collected during the patent term, which results in an underreporting of revenue generated from products that contain university technology. Nonetheless, these statistics reflect excellent performance when compared to similar institutions and reflect the economic value the Iowa Regent universities provide to the State of Iowa.

The below charts show the combined statistics for the three universities over the past five fiscal years. See the chart at end of the docket item for the details from each university.

Licenses, Intellectual Property and Patents	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Patent applications filed	305	299	260	250	239
Patents awarded	59	117	88	176	158
Disclosures of intellectual property	234	299	259	237	256
Total license and option agreements executed on institutional intellectual property	145	104	96	85	96
License and option agreements executed on institutional intellectual property in Iowa	59	32	38	34	30
License and option agreements yielding income	330	322	292	260	217
Revenue to Iowa companies as a result of licensed technology	\$14.1 M	\$41.7 M	\$13 M	\$10.3 M	\$6.9 M
Royalties and license fee income	\$5 M	\$6.2 M	\$4.6 M	\$4.6 M	\$4.8 M

Companies	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Total startup companies formed through licensing activities	29	7	10	7	15
Startup companies formed in Iowa through licensing activities	21	5	9	5	12
Startup companies formed through UNI assistance	134	96	94	99	107
Companies in research parks and incubators	185	179	189	191	185
New companies in research parks and incubators	66	60	168	72	55
Employees in companies in research parks and incubators	3,493	3,673	4,766	4,596	4,460

Income and Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Total sponsored funding	\$1,099.1 M	\$1,102.7 M	\$1,098.5 M	\$1,207.8 M	\$1,449.5 M*
Sponsored funding from federal grants	\$465.6 M	\$518.2 M	\$540.4 M	\$648.3 M	\$790.3 M*
Total Corporate-sponsored funding	\$145.7 M	\$143.7 M	\$135.3 M	\$143.3 M	\$159.8 M
Corporate-sponsored funding in Iowa	\$25.7 M	\$23.1 M	\$32.2 M	\$21.6 M	\$20.59 M

*FY 2021 sponsored funding includes federal Higher Education Emergency Relief Fund (COVID Relief) funding

Externally sponsored projects supplement the instruction, research, scholarship and public services provided by the Regent universities. These funds do not supplant general fund dollars. This is true for all external funding (federal or non-federal) because it is required by federal regulation that external funds shall supplement and not supplant state dollars.

State Appropriations. Stable and increasing state dollars allow for the Regent universities to expand and grow Iowa's economy by using federal dollars to pay for programs and research that the Regent universities could not otherwise implement. In many cases sponsored projects, including many federally sourced projects, require cost share (match) funds so that the sponsor and the university have a financial stake in the project. In order to provide cost share some state dollars are used and in doing so the Regent universities are able to make every state dollar have twice, and sometimes more, of an impact on the university's instruction, research and public service.

Additionally, federal agencies will only invest in institutions that are financially healthy, compliant with federal regulations that have cutting edge technology and instrumentation, robust public service portfolios, and that have top-tier scholars and researchers. State funding supplies these resources, allowing the Regent universities to attract federal and non-federal funds so that every state dollar invested in the Regent universities has double or more of an impact on Iowa's communities and economy.

For FY 2021, the Iowa General Assembly appropriated nearly \$10.2 million in total funding for economic development, technology transfer and commercialization of research to the three Regent universities, which is a slight decrease from FY 2020. The two state general fund appropriations for FY 2021, totaling nearly \$1.5 million, are divided as follows:

- Nearly \$1.1 million to ISU and UI for the biosciences innovation program; the Board had requested \$4.0 million. The funding is divided \$813,286 to ISU and \$271,095 to UI. The funding continues the four bioscience platforms identified in the TEconomy report where Iowa has the greatest likelihood of achieving a differentiated leadership position to grow and diversify the state's economy: biobased chemicals, precision and digital agriculture, vaccines and immunotherapeutics, and medical devices. The funding will facilitate technology transfer, incubate start-ups and accelerate technology transfer, attract external funding and provide innovation ecosystem services, and develop a skilled workforce.
- \$394,321 to UNI for the expansion of the Metal Casting Center's additive manufacturing capabilities related to investment castings technology and industry support. This was funded at \$400,000 in FY 2020.

The remaining \$8.7 million allocated to the Regent universities, from the Skilled Worker and Job Creation Fund (SWJCF), has not changed since creation of the fund in FY 2014:

- \$3 million to the Regents Innovation Fund, which is used in the areas related to technology commercialization, marketing, entrepreneurship, business growth, and infrastructure projects and programs needed to assist in implantation of activities under Iowa Code chapter 262B (Commercialization of Research). The Regent universities invest the funds received from the legislature in opportunities that yield successful startups, innovative business assistance, and critical research leading to commercialization. The universities are required to match the funding on a one-to-one basis from non-state resources. Research grants, private investors or companies interested in a project, and other university funds are often used as match dollars. The legislation divides the funding: 35% to UI, 35% to ISU, and 30% to UNI.
- \$2 million to UI for implementing the entrepreneurship and economic growth initiative. The appropriation is used to expand public/private partnerships and programming through the Pappajohn Entrepreneurial Center.
- \$209,000 to UI for the UI Research Park, Technology Innovation Center and UI Pharmaceuticals (formerly Advanced Drug Development program). UI must direct expenditures for research toward projects that will provide economic stimulus for Iowa and emphasize providing services to Iowa-based companies.
- \$2.4 million to ISU for small business development centers, the ISU Research Park and the Center for Industrial Research and Service. At least \$735,728 must be allocated for purposes of funding small business development centers. ISU is to direct expenditures for research toward projects that will provide economic stimulus for Iowa and emphasize providing services to Iowa-based companies. The industrial incentive program must focus on Iowa industrial sectors and seek contributions and in-kind donations from businesses, industrial foundations, and trade associations, and that moneys for the Center for Industrial Research and Service industrial incentive program can only be allocated for projects which are matched by private sector moneys for directed contract research or for nondirected research. The match required of small businesses for directed contract research or for nondirected research shall be \$1 for each \$3 of state funds. The match required for other businesses for directed contract research or for nondirected research shall be \$1 for each \$1 of state funds. The match required of industrial foundations or trade associations shall be \$1 for each \$1 of state funds.
- \$1.07 million to UNI for the Metal Casting Center, the MyEntreNet internet application, and the Institute for Decision Making. UNI must allocate at least \$617,638 for purposes of support of entrepreneurs through the university's Center for Business Growth and Innovation and Advance Iowa program. UNI must direct expenditures for research toward projects that will provide economic stimulus for Iowa and emphasize providing services to Iowa-based companies.

FY 2021 University Report's Highlights

University of Iowa: The UI annual economic development and technology transfer report provides a description and activities for their programs and centers in FY 2021. UI secured its highest-ever level of external funding for research, scholarship, and creative activities in FY 2021 – including research contributing to the development of effective COVID-19 vaccines and treatments. The increase includes some federal relief and stimulus funding, a portion of which supported COVID-19 research.

UI noted that the record funding is a testament to the commitment and innovation of the university's faculty and staff. The funding not only supports research directly but also expands

resources available to researchers and scholars and allows the university to leverage its expertise to help Iowa communities. Much of the COVID-19-related research that was funded early in the pandemic, including clinical trials in the UI Roy J. and Lucille A. Carver College of Medicine with Pfizer, Inc. and BioNTech SE to study the effectiveness of messenger ribonucleic acid (mRNA) vaccines, received additional support in FY2021 to continue that work. But additional projects targeting the deadly virus behind COVID-19 – along with research into a wide range of important areas across the disciplines—also were greenlighted last year.

The University of Iowa ranks as one of the top-200 overall universities in the world and remains ranked by Reuters as one of the top-100 most innovative universities in the world. These recognitions are indicative of the quantity and quality of the research and educational experiences supported daily at the University of Iowa. These activities subsequently translate into positive impact on the economy of Iowa. The university's existing strategic plan calls to "Support the translation of intellectual work into applications to enhance economic development." This strategy will be implemented through:

- Creating increased opportunities for entrepreneurial education, new venture creation, technology transfer, with a specific focus in medtech and edtech innovation, and
- Connecting faculty, staff, and students to organizations and subject matter experts to solve unmet needs in social, health, technical, and business problems

Their annual report provides accomplishments from the eight economic development initiatives:

1. Protostudios, a state-of-the-art, rapid-prototyping facility that works with UI researchers, researchers from other Iowa universities and healthcare institutions and community members to develop fully functional prototypes of product ideas, allowing innovators to test, redesign and determine manufacturing paths and demonstrate usability to investors. Protostudios primary focus is on biomedical and electronics prototyping with access to 3D printers (plastics, metals, ceramics) milling, laser/wet jet cutter, printed circuit board fabrication, and consulting from on-staff industrial designers and engineers. Anatomical modeling of human organs prior to complex surgeries is developing into a key value add of Protostudios.
2. UI Research Park leases building sites and space to growing technology companies that require sustained research relationships with the university. The park is home to a world-class business incubator program that has nurtured over 100 UI start-ups and other new ventures since its founding. Incubator tenant companies can draw on both the research and business resources of the university, including access to UI libraries, hazardous waste management services, support for SBIR/STTR grants (Small Business Innovation Research/Small Business Technology Transfer federal grants), educational seminars, networking opportunities, and shipping/package handling.
3. Translational Research Incubator serves as the wet-lab counterpart to Protostudio's dry-lab program. The TRI space, located in the Medical Laboratories building on the university's campus is a complement to the UI Research Park as it can house up to four early-stage research-based biomedical or life science companies focused on commercializing technology developed at the University of Iowa.
4. UI Research Foundation works in conjunction with faculty and staff researchers to transfer their research from the lab to the global marketplace. UIRF assists researchers in

securing intellectual property (IP) protection, marketing new technologies, and collaborating with and licensing to industry partners. UIRF also supports faculty start-ups, through streamlined agreements, connections to resources, patent prosecution management and strategy, and funding referrals.

5. UI Ventures assists university faculty and staff in creating new companies based upon their research. It facilitates connections between the faculty and outside mentors, services and investors and serves as a liaison between the company and university services. Working closely to support the UI Research Foundation, UI Ventures actively engages with outside investors and business experts to improve visibility of UI companies, and bring business expertise to campus. In addition, UI Ventures manages the TRI incubator and operates the MADE program to encourage faculty and staff innovation and entrepreneurship throughout campus.
6. MADE is a manufacturing and e-commerce initiative launched in FY 2018. Iowa MADE is a first of its kind program, in the nation, whose mission is to encourage and facilitate the UI community to bring innovative, need-based products to market with the goal of enhancing economic development at the university as an extension of research and scholarship.
7. John Pappajohn Entrepreneurial Center offers nationally recognized comprehensive entrepreneurial education programs to all Iowans. Iowa JPEC and its university partners play an important role in the development of Iowa-based technology and high-growth start-up companies. Whether providing one-on-one consulting services and group training, working with start-up companies on technology transition, directing UI students on advanced field study projects, or providing training and seminars to business executives, Iowa JPEC seeks to support the next generation of entrepreneurs and business leaders.
8. UI Center for Advancement. The mission of the center is to advance the UI through engagement and philanthropy, and its Corporate and Foundation Relations group promotes economic development through connecting corporate partners with the UI's strengths. In addition, the UICFA is a key player in tapping UI's extensive alumni base to support entrepreneurship and technology commercialization through monetary resources and, equally important, advice and expertise.

Iowa State University: The ISU annual economic development and technology transfer report provides a description and activities for their programs and centers in FY 2021. ISU broke its record by securing \$559.1 million in external funding, including federal COVID aid, breaking the previous record of \$509.2 million set in fiscal year 2018. This is the third time in the past five fiscal years that Iowa State's external funding total has passed \$500 million. Fiscal year 2020's total of \$494.7 million nearly crossed that threshold.

Even through the challenges of a pandemic, ISU researchers stayed committed to relevance and purpose, whether it's unearthing answers to larger questions through fundamental research, or applied research that translates to new innovations that can be commercialized to grow the economy and benefit society. In addition to grants supporting research teams across campus, external funding also provides academic support, scholarships and more. The funding can include contracts, gifts and cooperative agreements from federal, state and local governments, as well as from corporations, nonprofits and other universities.

ISU promotes economic growth in Iowa by providing business and technical assistance to existing companies, supporting the creation of new companies, helping attract new companies and entrepreneurs to Iowa, creating intellectual property and moving research ideas to the market, and contributing to workforce and entrepreneurial development.

As the land-grant institution in the very first state to adopt the Morrill Act, Iowa State University wholeheartedly supports the land-grant ideals of putting science, technology and human creativity to work. Economic development is a top priority for ISU, and the university is very proud of the impact it has on both the lives of its students and the state economy. Iowa State's economic development programs, services and initiatives contribute to the overall positive net impact the university creates on Iowa's business community and return on investment it generates for students, taxpayers and society. Through President Wendy Wintersteen's Innovation and Entrepreneurship Initiative, ISU is embedding innovation and entrepreneurship more deeply into their culture and curriculum. By doing so, ISU is cultivating the next generation of innovators and entrepreneurs while responding to the needs of communities and the state.

ISU pioneered the first statewide extension service in 1906. The extension experiment – universities actively transferring their research and expertise to every corner of every state – was immensely successful across America and remains so today. Each year, more than a million Iowans directly benefit from ISU Extension and Outreach programs. ISU Extension and Outreach, in collaboration with ISU colleges, impacts economic development in the state through all of its programs – Community and Economic Development, as well as Agriculture and Natural Resources, Human Sciences, and 4-H Youth Development.

The Office of Economic Development and Industry Relations (EDIR) serves as the gateway to the university's expertise, capabilities, resources and facilities that support and enhance economic development throughout the state. EDIR works very closely with other university units that contribute to the university's economic development efforts and impact, including the Office of the Vice President for Extension and Outreach, the Office of the Vice President for Research and the academic colleges.

Their annual report provides accomplishments from EDIR, which consists of the following key economic development units that provide integrated and comprehensive business, technical, entrepreneurial support and educational services to ISU's clients and partners:

1. The Center for Industrial Research and Service (CIRAS) works with business and industry across all 99 counties to enhance their performance through service offerings in five general areas: technology, growth, productivity, leadership, and workforce. CIRAS leads three federal business outreach programs and two state-based programs, with staff and partners located across campus and across the state.
2. The Small Business Development Center (SBDC), administered by ISU, consists of 15 regional centers serving all 99 counties in Iowa. SBDC assists individuals interested in starting new companies and provides business services and counsel to existing small companies across Iowa to solve management problems, to improve operations, to seek financing, and to pursue new opportunities. ISU also operates two of the regional centers.
3. Pappajohn Center for Entrepreneurship serves entrepreneurs on campus and in the community, provides entrepreneurial opportunities for students including a student accelerator, hosts statewide and local business plan and pitch competitions and participates in university-wide academic programs in entrepreneurship ranging from a cross-campus minor to a PhD program.

4. ISU Research Foundation and Office of Intellectual Property and Technology Transfer protect, manage, market and license the intellectual property of ISU researchers. The licensed intellectual property rights, in ISU developed innovative technologies, provide rights which may improve the business's manufacturing costs, become a new product line, increase revenue streams or advance product market share. In addition, the ISU Research Foundation supports intellectual property work for the University of Northern Iowa. OIPTT negotiates and implements nondisclosure agreements, material transfer agreement and the industry and commodity agreements related to ISU's research collaborations with industry.
5. ISU Research Park provides a resource-rich environment where innovators flourish. It includes close proximity and easy access to ISU for tenant partners, which include start-ups and established companies that range from growing entrepreneurial ventures to global corporations. The Research Park offers high quality labs and office space, as well as numerous community events, services and amenities that support the efforts of science- and technology-based organizations.

University of Northern Iowa: The UNI annual economic development and technology transfer report provides a description and activities for programs and centers in FY 2021.

UNI's economic development outreach programs are housed in the Business and Community Services (BCS) division and works toward supporting the UNI strategic goal of contributing to the economic vitality of the state. Since 2000, BCS has engaged the entire university community in its outreach efforts, including faculty, staff, students and alumni – all of whom play a critical role in enhancing economic development across Iowa.

In FY 2021, UNI provided economic development assistance throughout all of Iowa's 99 counties, for the 21st consecutive year. Every dollar received from the state to UNI's BCS leverages five dollars in private grants, fees or federal funding. Client interaction made a solid rebound from FY 2020 and the pandemic challenges with a nearly 10 percent increase in unique clients served.

Specific areas of service offered by BCS include: entrepreneurship, community and economic development, market research, environmental research, sustainability, advanced manufacturing, metal casting and additive manufacturing. Their annual report provides accomplishments from the 12 programs located within BCS:

1. Advance Iowa
2. Center for Business Growth & Innovation
3. Center for Energy and Environmental Education
4. Geoinformatics Training, Research, Education and Extension Center (GeoTREE)
5. Institute for Decision Making
6. Iowa Waste Reduction Center
7. John Pappajohn Entrepreneurial Center
8. Metal Castings Center and Center for Additive Manufacturing
9. Recycling and Reuse Technology Transfer Center
10. Small Business Development Center
11. Strategic Marketing Services
12. Tallgrass Prairie Center

Together, these programs:

- Provided service in all 99 counties to 3,505 unique business, community, and governmental entities and served an additional 73,538 unique visitors to MyEntre.Net/IASourceLink
- Reached more than 302,000 Iowans
- Engaged 124 faculty members and 240 students in the direct delivery of BCS client services, and another 2,525 students were reached by BCS programs

Indicators	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	ISU	SUI	UNI	Regents Total	ISU	SUI	UNI	Regents Total	ISU	SUI	UNI	Regents Total	ISU	SUI	UNI	Regents Total	ISU	SUI	UNI	Regents Total
Number of disclosures of intellectual property	130	93	11	234	145	143	11	299	165	83	11	259	132	95	10	237	144	101	11	256
Number of patent applications filed	152	148	5	305	143	153	3	299	98	160	2	260	102	146	2	250	114	123	2	239
Number of patents awarded	15	42	2	59	42	74	1	117	32	54	2	88	56 -US only; 98 -Total	76	2	176	50 US only; 71 Total	86	1	158
Number of license and option agreements executed on institutional intellectual property in total	85	58	2	145	51	51	2	104	46	48	2	96	46	37	2	85	47	47	2	96
Number of license and option agreements executed on institutional intellectual property in Iowa	39	18	2	59	21	9	2	32	25	12	1	38	22	10	2	34	22	7	1	30
Number of license and option agreements yielding income	199	122	9	330	185	127	10	322	155	127	10	292	154	95	11	260	118	87	12	217
Revenue to Iowa companies as a result of licensed technology	\$9.9 million	\$0.5 million	\$3.7 million	\$14.1 million	\$36.9 million	\$1.24 million	\$3.6 million	\$41.74 million	\$8.3 million	\$1.2 million	\$3.5 million	\$13 million	\$5.4 million	\$1.1 million	\$3.8 million	\$10.3 million	\$1.7 million	\$1.1 million	\$4.1 million	\$6.9 million
Number of startup companies formed, in total (through licensing activities)	9	20	--	29	2	4	1	7	4	5	1	10	4	2	1	7	8	6	1	15
Number of startup companies formed, in Iowa (through licensing activities)	8	13	--	21	2	2	1	5	4	4	1	9	4	0	1	5	8	3	1	12
Number of startup companies formed through UNI assistance	--	--	134	134	--	--	96	96	--	--	94	94	--	--	99	99	--	--	107	107
Number of companies in research parks and incubators	115	46	24	185	118	41	20	179	130	38	21	189	135	34	22	191	134	32	19	185
Number of new companies in research parks and incubators	43	7	16	66	40	6	14	60	151	1	16	168	53	5	14	72	35	5	15	55
Number of employees in companies in research parks and incubators	1,702	1,704	87	3,493	2,178	1,429	66	3,673	2,253	2,459	54	4,766	2,041	2,500	55	4,596	1,913	2,500	47	4,460
Royalties and license fee income	\$3.3 million	\$1.67 million	\$35,050	\$5.0 million	\$4.3 million	\$1.72 million	\$21,500	\$6.24 million	\$2.8 million	\$1.77 million	\$29,050	\$4.6 million	\$3.0 million	\$1.57 million	\$45,100	\$4.62 million	\$2.9 million	\$1.81 million	\$63,400	\$4.8 million
Total sponsored funding	\$503.6 million	\$557.7 million	\$37.8 million	\$1,099.1 billion	\$509.2 million	\$554.0 million	\$39.5 million	\$1,102.7 billion	\$469.0 million	\$588.7 million	\$40.8 million	\$1,098.5 billion	\$494.7 million	\$666.2 million	\$46.9 million	\$1,207.8 billion	\$559.1 million*	\$818.04 million*	\$72.4 million*	\$1,449.5 million*
Sponsored funding from federal grants	\$219 million	\$224.4 million	\$22.2 million	\$465.6 million	\$235.6 million	\$260.5 million	\$22.1 million	\$518.2 million	\$237.1 million	\$281.5 million	\$23.2 million	\$541.8 million	\$253.0 million	\$346.7 million	29.1 million	\$628.8 million	\$303.5 million*	\$431.3 million*	\$55.5 million*	\$790.3 million*
Corporate-sponsored funding in total	\$45.3 million	\$99.5 million	\$875,000	\$145.7 million	\$51.3 million	\$91.6 million	\$803,000	\$143.7 million	\$57.2 million	\$77.1 million	\$1.0 million	\$135.3 million	\$51.2 million	\$91.1 million	\$1.0 million	\$143.3 million	\$51.5 million	\$107.1 million	\$1.2 million	\$159.8 million
Corporate-sponsored funding in Iowa	\$14.3 million	\$10.5 million	\$875,000	\$25.7 million	\$7.8 million	\$14.9 million	\$400,000	\$23.1 million	\$20.7 million	\$10.9 million	\$560,000	\$32.2 million	\$11.8 million	\$8.8 million	\$1.0 million	\$21.6 million	\$12.2 million	\$7.49 million	\$900,000	\$20.59 million

* FY 2021 sponsored funding includes federal Higher Education Emergency Relief Fund (COVID Relief) funding