

# House Resolution 129 - Introduced

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H.R. \_\_\_\_\_ S.R. \_\_\_\_\_

1 1 HOUSE RESOLUTION NO. \_\_\_\_\_  
1 2 BY HEDDENS, WESSEL=KROESCHELL,  
1 3 DEYOE, and D. OLSON  
1 4 A Resolution congratulating Iowa State University of  
1 5 Science and Technology for 150 years of leadership  
1 6 and service to the nation and the world as Iowa's  
1 7 land-grant university.  
1 8 WHEREAS, Iowa State University of Science and  
1 9 Technology was established by the General Assembly on  
1 10 March 22, 1858, as the Iowa Agricultural College and  
1 11 Model Farm in response to the state's desire to  
1 12 provide higher education opportunities to farm  
1 13 families and working classes in Iowa; and  
1 14 WHEREAS, on September 3, 1862, Iowa became the  
1 15 first state in the nation to accept the terms and  
1 16 conditions of the federal Morrill Act creating the  
1 17 land-grant system of colleges and universities; and  
1 18 WHEREAS, the Iowa Agricultural College and Model  
1 19 Farm, today Iowa State University of Science and  
1 20 Technology, received Iowa's land-grant charter on  
1 21 March 29, 1864, making it one of the first land-grant  
1 22 institutions in the nation; and  
1 23 WHEREAS, Iowa State University was a pioneer in all  
1 24 three parts of the land-grant mission, namely:  
1 25 1. Access to all, regardless of race, gender, or  
1 26 social class: Iowa State University was the first  
1 27 land-grant institution to be coeducational from its  
1 28 opening, with 16 women in its first class; future  
1 29 suffragist Carrie Chapman Catt was an 1880 graduate;  
1 30 and George Washington Carver was the first  
2 1 African-American student, earning a bachelor's degree  
2 2 in 1894 and a master's degree in 1896, and was also  
2 3 the institution's first African-American faculty  
2 4 member;  
2 5 2. Practical research: Iowa State University  
2 6 established the nation's first engineering experiment  
2 7 station and domestic economy experimental kitchen, and  
2 8 one of the first agriculture experiment stations;  
2 9 3. Outreach: Among the earliest land-grant  
2 10 institution outreach activities were the Farmers  
2 11 Institutes in the winter of 1869=1870 by Iowa State  
2 12 University President Adonijah Welch, and the nation's  
2 13 first county extension service was organized in 1903  
2 14 in Sioux County in northwest Iowa by Professor Perry  
2 15 Holden; and  
2 16 WHEREAS, some of the most important technological  
2 17 advancements of the modern world were the result of  
2 18 research at Iowa State University, including:  
2 19 development of hybrid seed corn in the 1920s;  
2 20 pioneering work on soybean oil extraction and  
2 21 producing ethanol from corn and other plant materials  
2 22 by Professor Orland Sweeney in the 1930s; invention of  
2 23 the electronic digital computer in the late 1930s by  
2 24 Professor John Atanasoff and graduate student Clifford  
2 25 Berry, whose Atanasoff-Berry computer was the first to  
2 26 incorporate the seven basic principles of modern  
2 27 computing; development of modern livestock animal  
2 28 genetics by Professor Jay Lush; development of a  
2 29 digital encoding process that made the fax machine a  
2 30 business office staple, by graduate student David  
3 1 Nicholas in 1971; and first field-testing of a  
3 2 genetically altered plant in 1987 by Professor Robert  
3 3 Thornburg; and  
3 4 WHEREAS, Iowa State University hired one of the  
3 5 nation's first permanent campus artists=in-residence,  
3 6 with sculptor Christian Petersen holding that position  
3 7 from 1934 to 1955; and  
3 8 WHEREAS, Iowa State University has had a technology  
3 9 transfer office since 1935, longer than all but one  
3 10 other university in the nation, and is today  
3 11 acknowledged as a national leader in putting  
3 12 technology to work, being cited as a "model of

3 13 economic development" and "licensing powerhouse" in a  
3 14 2007 study commissioned by the National Science  
3 15 Foundation; and  
3 16 WHEREAS, Iowa State University is today  
3 17 spearheading new advances in science and technology,  
3 18 including new materials, information sciences, green  
3 19 architecture, biological research, and the development  
3 20 of biorenewable fuels and other resources to support  
3 21 the bioeconomy and the nation's independence from  
3 22 nonrenewable petroleum resources; and  
3 23 WHEREAS, more than 257,000 degrees have been  
3 24 awarded by Iowa State University, and its graduates  
3 25 include heads of state, leaders of industry, great  
3 26 humanitarians, and gifted scientists, whose work has  
3 27 improved the quality of life for people worldwide; NOW  
3 28 THEREFORE,  
3 29 BE IT RESOLVED BY THE HOUSE OF REPRESENTATIVES,  
3 30 That the House of Representatives congratulates Iowa  
4 1 State University of Science and Technology for 150  
4 2 years of outstanding service to the State of Iowa, the  
4 3 United States, and the world in fulfilling its mission  
4 4 as a land=grant university, and thanks the State of  
4 5 Iowa for its visionary leadership in the beginning of  
4 6 the land=grant movement in the United States.  
4 7 LSB 6587HH 82  
4 8 jr/nh/14