





**71**  
MEMBERS  
OF NAE<sup>1</sup>



**22**  
MEMBERS  
OF NAS<sup>2</sup>



**6**  
MEMBERS  
OF NAM<sup>3</sup>



**60**  
TONY  
AWARDS



**13**  
ACADEMY  
AWARDS



**142+**  
EMMY  
AWARDS



**13**  
TURING  
AWARDS



**21**  
NOBEL  
LAUREATES

▲ Won by alumni and current/former faculty

<sup>1</sup> National Academy of Engineering

<sup>2</sup> National Academy of Sciences

<sup>3</sup> National Academy of Medicine

## BIG IDEAS THAT SHAPE YOUR WORLD START HERE



**1,000+ companies greenlighted** across the U.S. and internationally



**Invented Cognitive tutors**, which improve the math skills of 500,000+ students each year



The first U.S. school to award a **degree in drama** in 1914



**Java computer programming language**, invented by James Gosling (SCS 1983)



The first **exclusive higher education partner of the Tony Awards®**, co-creating the first, national recognition program honoring K-12 theatre educators



The **first smile in an email**, created in 1982 by Professor Scott Fahlman



**Kevlar fiber**, invented by alumna Stephanie Kwolek (MM 1946)



**The Last Lecture**, written by alumni Randy Pausch (SCS 1988) and Jeffrey Zaslow (DC 1980)



**CMU'S first Ph.D.**, awarded in 1919 to awarded to Mao Yisheng, father of Chinese bridge construction



**Duolingo**, invented by Professor Luis von Ahn (CS 2003, 2005), 10 million downloads in 12 months and named Apple's 2013 app of the year



The **leading university center for cybersecurity**, providing support to more than 110 centers around the world



The **world's first university robotics department**, founded in 1979



Alumnus **Andy Warhol** (CFA 1949), pop artist pioneer and cultural icon



One of only 29 universities invited to be a member of the **World Economic Forum's Global University Leaders Forum**

### ECONOMIC AND CIVIL IMPACT

- **Attracting major companies** — including Google, Intel, Uber and GE — to locate operations and create new jobs in Pittsburgh
- To date, the CMU community has **launched more than 400 startups** and **created more than 152 spinoff companies**.
- Contributing to the cultural and civic life of the city with **performances, exhibitions** and **research collaborations**

### SCHOOLS AND COLLEGES

College of Engineering  
College of Fine Arts  
Dietrich College of Humanities and Social Sciences  
Heinz College of Information Systems and Public Policy  
Mellon College of Science  
School of Computer Science  
Tepper School of Business

### LEADERSHIP

**Farnam Jahanian**  
President  
**David Coulter**  
Chair, Board of Trustees  
**James H. Garrett Jr.**  
Provost

**CMU.EDU**