

Achievements in STEM

Immigrants play a vital role in science, technology, engineering, and math (STEM) fields in America. This is reflected in the number of prizes awarded to immigrant scientists: Although immigrants make up only 13% of the general population, they hold a disproportionate share of awards, prizes, and fellowships in STEM fields.

From 1901 to 2014, 277 Nobel Prizes in chemistry, physics, and physiology or medicine were awarded to scientists working in America.



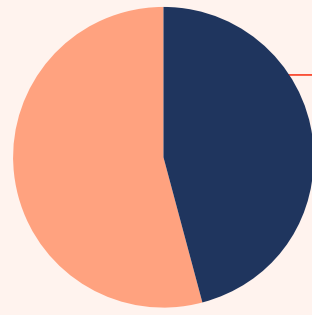
Of those 277 scientists, **35%** were foreign-born.



However, most of the Nobel Prizes earned by foreign-born scientists were awarded only after the **Immigration and Nationality Act** was passed in 1965, which eliminated discriminatory national origin quotas and increased employment-based green cards.

HOWARD HUGHES INVESTIGATORS

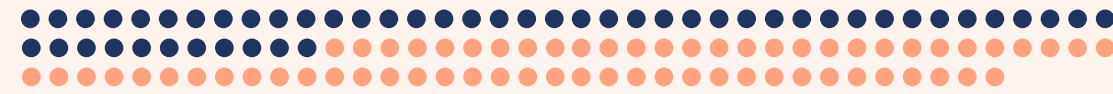
The Investigator Program at the Howard Hughes Medical Institute provides long-term funding for researchers in biomedical science.



46%

In 2015, at least 12 of the 26 appointed investigators were foreign-born.*

* Not all countries of birth were confirmed.



44%

At least 51 of the 116 Sloan Research Fellows named in 2015 are immigrants.*

* Not all countries of birth were confirmed.

SLOAN RESEARCH FELLOWS

The Sloan Research Fellowships are awarded in chemistry, computer science, computational and evolutionary molecular biology, economics, mathematics, neuroscience, ocean sciences, and physics.

SIMONS INVESTIGATORS

The Simons Foundation selects Investigators working in mathematics, physics, theoretical computer sciences, and mathematical modeling of living systems.

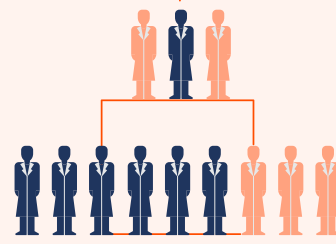


69%

Eleven of the sixteen Simons Investigators in 2014 were immigrants living in the U.S.

Blavatnik National Awards

One of the three winners in 2014 was foreign-born.



Blavatnik Regional Awards

Six out of nine winners and finalists were foreign-born in 2014.

BLAVATNIK AWARDS

The Blavatnik Awards are given in the life sciences, physical sciences and engineering, and chemistry.

FIELDS MEDALS

The Fields Medal, the "Nobel Prize" of mathematics, is awarded internationally every four years.



Two of the four Fields Medals in 2014 were given to mathematicians working in the United States — both immigrants.

SOURCES: MIGRATION POLICY INSTITUTE (2015) | THE NOBEL FOUNDATION (2014) | NATIONAL FOUNDATION FOR AMERICAN POLICY (2014) | HOWARD HUGHES MEDICAL INSTITUTE (2015) | ALFRED P. SLOAN FOUNDATION (2015) | SIMONS FOUNDATION (2014) | BLAVATNIK AWARDS FOR YOUNG SCIENTISTS (2014) | INTERNATIONAL MATHEMATICAL UNION (2014) | WITH ORIGINAL RESEARCH BY THE VILCEK FOUNDATION. FOR FULL CITATIONS, VISIT VILCEK.ORG OR EMAIL INFO@VILCEK.ORG.