

FULBRIGHT



Before we get started...

Program
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iie The Power
of International
Education

Fulbright Opportunities for Engineers



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The Fulbright Program



“We must try to expand the boundaries of human wisdom, empathy and perception, and there is no way of doing that except through education.”
— *Senator J. William Fulbright*





The Fulbright Legacy

- Established 1946 to expand and strengthen the relationships between the people of the United States and citizens of the rest of the world
- Sponsored by U.S. Department of State's Bureau of Educational and Cultural Affairs
- Administered by the Institute of International Education's Council for International Exchange of Scholars (CIES)





Fulbright in Numbers



370,000+
Fulbrights awarded
since 1946



58
Nobel
Laureates



800
U.S. Scholar
grants annually



33
Heads of State or
Government



160
Participants
countries

MacArthur
Foundation

31
MacArthur
Fellows



82
Pulitzer Prize
recipients



16
Presidential Medal of
Freedom recipients





Engineers as Fulbright Scholars

- **Last 5 years:**
- **257 grants to engineers**
 - 2012-2013 – 33
 - 2013-2014 - 46
 - 2014-2015 - 64
 - 2015-2016 - 59
 - 2016-2017 - 55
- **45 different job titles**
 - Professor - 90
 - Associate Professor -72
 - Professor and Director - 10
 - Assistant Professor - 10
 - Chair and Professor - 10
 - Distinguished Professor - 7





Engineers – By Field

29 Different field of engineering are specified

- Engineering - 82
- Chemical Engineering - 24
- Electrical Engineering - 22
- Mechanical Engineering - 20
- Environmental Engineering - 18
- Civil Engineering - 12
- Bioengineering/Biomedical Engineering - 11
- Materials Engineering 7
- Structural Engineering - 5
- Engineering Mechanics - 5
- Hydrology Engineering - 4
- Agricultural Engineering - 4





Engineers by Home Institution

154 U.S. Home Institutions represented

- Michigan Technological Institution - 8 grants
- Pennsylvania State University – 5 grants
- University of Washington – 5 grants
- University of California – Berkeley – 4 grants
- University of Minnesota – Twin Cities – 4 grants
- University of Florida – 4 grants
- University of South Florida – 4 grants
- Michigan State University – 4 grants
- University of Arizona – 4 grants
- Purdue University – 4 grants
- 12 institutions – 3 grants
- 34 institutions – 2 grants
- 100 institutions – 1 grant





Engineers by Hosting Country

79 different host countries – 193 host institutions

- Brazil – 21
- Finland - 19
- India 18
- Italy -15
- Israel - 11
- Austria -10
- France - 9
- United Kingdom - 8
- Colombia - 7
- Australia - 6
- Chile - 5
- Ireland - 5





Fulbright Flex Awards

- Flex Awards are designed for scholars who require multiple visits to the host country over short segments
- Applicants must indicate plans for Flex in their project statement, including a project timeline
- Flex grantees are especially encouraged to make contact with the local community, developing long-term connections and collaborations
- Available in specific countries and regional awards
- Consult the Catalog of Awards





Core Multi-Country Opportunities

- Regional Research Programs:
 - Sub-Saharan Africa
 - Middle East and North Africa
 - South and Central Asia
 - ASEAN Region (Southeast Asia)
- Cross-Strait Studies (China and Taiwan)
- Fulbright-Carlos Rico Award for North American Studies (Canada and Mexico)
- Fulbright-Schuman European Union Affairs, Austrian-Hungarian Research Award
- Greece-Spain Joint Teaching/Research Award





Fulbright Global Scholar Award

- Significant innovation for Fulbright
- Project must include at least 2 separate world regions
- Work typically in 2-3 different countries
- 2-3 segments over as much as 2 years
- Topics must benefit from a global perspective
- Specify
 - Why each country
 - What will be accomplished
 - When each country segment is planned





Engineering Awards – 2018-2019

- 470 Awards in the 2018-2019 competition
- 1 August 2017 – competition closes
- 97 Engineering Awards
- 237 All and Multiple Discipline Awards





Sub-Saharan Africa - Examples

- **16 Engineering + 19 All/Multiple Disciplines**
- **Engineering**
 - **Cote d'Ivoire** - #8025 – Mechanical Engineering and Technology Instruction – Engineering, Information Sciences, Mathematics – 10 months – t, t/r - International University of Grand-Bassam (IUGB) School of Science, Technology, Engineering and Mathematics
 - **South Africa** - #8012 – Science and Technology – Engineering and other disciplines – 6-10 months – t,r,t/t – 23 host institutions
 - **Zambia** - #8057 – Copperbelt University – Engineering and other disciplines – 10 months – t/r –
- **All Disciplines**
 - **Ethiopia** – 8031 – 10 grants – 10 months – t/r – 7 host institutions
 - **Kenya** - #8034 – 3 or more grants – 5-10 months – t/r – 18 host institutions





East Asia and the Pacific - Examples

15 Engineering and 31 All/Multiple Disciplines

Engineering

- **Australia** - Fulbright Distinguished Chair in Science, Technology and Innovation (CSIRO) – Engineering and other fields – 5-6 months – r – Commonwealth Science and Industrial Research Organization – multiple locations
- **Australia** - #8074 – Fulbright Postdoctoral Scholarship in Multiple Disciplines (Newcastle University) – Engineering and other fields – 3-10 months – r
- **Malaysia** - Fulbright-Malaysian Communications and Multimedia Commission Award in Communications, Computer Science, Engineering and Information Sciences – Engineering and other fields – 5-10 months – up to 2 grants – r.t.t/r – Kuala Lumpur

All Disciplines

- **Japan** - #8088 – All Disciplines – 3-9 months – approx. 5 grants – Any appropriate institution





Europe-Eurasia - Examples

42 Engineering + 127 All/Multiple Disciplines

Engineering

- **Austria** - #8134 – Fulbright-Graz University of Technology
Visiting Professor – Engineering and other fields – 1 semester –
t/r - Graz
- **Ireland** - #8480 – Telecommunications with a Focus on Physical
Technologies – Engineering and Computer Science – 1 semester-
r – Maynooth University
- **Czech Republic** - #8153 – Fulbright-Czech Technical University
Distinguished Chair in Electrical Engineering – 3-10 months -
Prague

All and Multiple Disciplines

- **Austria** - #8126 – Fulbright-University of Natural Resources and
Life Sciences Vienna Visiting Professor – Engineering and other
fields – 4 months – t/r – Vienna
- **Cyprus** – #8149 - All Disciplines –Engineering and other
disciplines – 4-9 months – 10 universities – **FLEX**





Middle East North Africa - Examples

5 Engineering + 19 All/Multiple Disciplines

Engineering

- **Algeria** - #8344 - Multiple Disciplines – Engineering and other fields – 10 months – 3 grants – t – 9 hosting institutions
- **Egypt** - #8354 – Sciences – Engineering and other fields – 3-9 months – 1 to 2 grants – multiple host institutions
- **Oman** - #8367 – All Disciplines – Engineering and other fields – 5 or 10 months – 6 host institutions
- **Palestinian Territories (West Bank Only)** – All Disciplines – Engineering and other fields – 5-10 months – approximately 3 grants – t.r.t/r

All Disciplines

- **Egypt** – #8353 - Postdoctoral – 3-9 months – 2 or 3 grants – hosts
- **Israel** - #8357 – Postdoctoral – up to 20 months – 8 grants – hosts
- **Israel** - #8356 – Senior Scholar All-Disciplines – 4 months – 8 grants





South and Central Asia - Examples

2 Engineering + 12 All/Multiple Disciplines

Engineering

- **Turkmenistan** – #8389 - Multiple Disciplines – Engineering and other fields – 10 months - up to 2 grants – t - Ashgabat
- **Uzbekistan** - #8390 – Engineering and other fields – 5 or 10 months – up to 3 grants – t, t/r – 8 host institutions

All Disciplines

- **India** - #8377 – Fulbright-Nehru Distinguished Chair (All Disciplines) – Engineering and other fields – 4 months – up to 2 grants – t, t/t – multiple hosts
- **India** - # 8379 - Fulbright-Nehru Academic and Professional Excellence Awards (All Disciplines) – Engineering and other fields – 4-9 months – 45 grants – r,t,t/r – multiple hosts - **FLEX**
- **South and Central Asia Regional Research Program** - #8476 – Engineering and other fields – 3-9 months – approx. 2 grants – r – Multiple host institutions





Western Hemisphere - Examples

17 Engineering + 34 All/Multiple Discipline

Engineering

- **Argentina** - #8391 – Science and Technology – Engineering and other fields – 3 months – up to 5 grants – t, t/r – multiple hosts
- **Brazil** - #8399 - Fulbright-FACEPE Distinguished Chair in STEM+C – Engineering and other fields - 3-4 months – State of Pernambuco – FLEX
- **Canada** - #8413 - Research Chairs in Education / Science and Technology – Engineering and other fields – 4-12 months – approximately 5 grants – r, t/r – 5 hosts by discipline
- **Chile** - #8431 – Science and Technology – Engineering and other fields – 3-4 months – up to 10 grants – multiple hosts
- **All Disciplines**
 - Dominican Republic – All Disciplines – 4-9 month – up to 2 grants – multiple hosts - **FLEX**





Application Resources

- [Fulbright Scholar Program website](#) and [Catalog of Awards](#)
- [Application](#) and [Application Instructions](#)
- [Application Guidelines](#), [Project Statement Guidance](#) and [Samples](#)
- [Webinars](#)
- The Fulbright Scholar [Blog](#)
- [MyFulbright](#)
- [Fulbright Scholar Liaisons](#) – logistics
- [Fulbright Scholar Ambassadors](#) – mentors
- [Outreach Lecturing Fund](#) - connections





Application Components

- Application Form
- Project Statement
- Curriculum Vitae or Resume
- Course Outlines or Syllabi (for teaching awards)
- Select Bibliography (for research awards)
- Letters of Reference
- Additional Components, Depending on Award
 - Language Proficiency Report
 - Letter of Invitation
 - Supplemental materials for applicants in the Arts, Architecture, Writing and Journalism





Submitting a Competitive Application

- Fulbright goal: promote mutual understanding
- Why you are interested in a Fulbright and why in your proposed host country
- Professional expertise and skills you can offer; benefits to the host institution and host country; exchange of knowledge and experience
- Cultural diplomacy; demonstrated flexibility, adaptability
- Outcomes, impact, and multiplier effect
 - for your professional development, home campus, students, field at large; for your host institution
 - future collaborations; linkages: personal, professional, institutional; plans for sustaining relationships
 - internationalizing campus and curriculum

