

Fulbright Distinguished Scholar Award in Alternative Energy Technology

Award Autogenerated Code

10495-SW

Region

Europe and Eurasia

Country

Sweden

Award Type

Fulbright Distinguished Scholar Award

Number of Recipients

1

Award Allowances

A fixed living allowance of SEK 104,160 (approx. \$11,000 USD and untaxed) per month for the grant period will be provided. Additional funds are also available for request from the Commission for academic research activities related to this Chair. An additional monthly housing allowance of up to SEK 15,000 (approx. \$1,600 USD) and a one-time round trip travel from the U.S. to Sweden is provided for the grantee and dependents. Housing should be arranged by the grantee through the academic adviser at Chalmers.

Estimated Travel and Relocation Allowance for Grantee

Round-trip travel for grantee, spouse and children.

Additional Dependent Benefits

Public schools are usually free of charge from primary through the upper-secondary level and many public and private schools offer English instruction through primary and upper-secondary levels. Personal funds are usually necessary for accompanying dependents to complement grant benefits, including the additional cost of daycare and international schools. Please note that children may be eligible to receive subsidized daycare and free schooling as long as the other parent is working or studying. However, it is the responsibility of the grantee to contact any schools and daycare centers directly to negotiate the terms of stay and applicable costs.

Candidate Profile

Distinguished Chair

Professionals

Activity Type

Research

Teaching

Teaching/Research

Application Deadline

Closed

Award Activity

This grant offering is pending available funds

- Specific grant requirements will be discussed and finalized with the host institution, but should include:
- Teach specialized courses in and related to alternative energy technology.
- Collaborate on teaching or research with department faculty (20-30 hrs/week).
- Advise doctoral students on research projects (5-10 hrs/week).
- Assist in establishing networking opportunities and exchanges with the grantee's home university (5-10 hrs/week).
- The Distinguished Chair will be expected to give an inaugural lecture during the year.
- Opportunities to give lectures or participate in academic activities at other Swedish universities and outside Sweden will be available and are encouraged.
- Consult on curricula.

Award Length and Period

Either one semester (4.5 months) or two semesters (9 months); a nine month grant period is preferred.

One semester grants must begin in either September 2022 or January 2023.

Locations Text

Chalmers University of Technology, Gothenburg, Sweden Department of Energy and Environment, Department of Applied Mechanics, the Swedish Hybrid Center, other departments as appropriate.

Located on the west coast, Gothenburg is Sweden's second largest city and Scandinavia's largest port. Gothenburg has a population of 496,000 residents and almost 60,000 students in the area. Chalmers University of Technology in Gothenburg was founded in 1829. Study programs focus on technology, natural sciences and architecture. There are 10,600 students and 2,900 full-time positions, of which 1,900 are teachers and researchers. The university has a strong research base and intensive cooperation with the business and other stakeholders in society, through joint research as well as venture creation and research based commercialization. Key collaborator, such as The Volvo Group and Volvo Car Corporation, also located in Gothenburg, provide funding for some 170 doctoral students in all engineering disciplines. In 2013, Chalmers participated in 193 EU projects, attracted attention for their cutting edge research with quantum computers and carbon isotope C-12. Chalmers hosts EU largest research project, the Graphene flagship program. Chalmers has a particular strength in energy research including the "Energy Flagship" program on "Near-Term Pathways to a Sustainable Energy Future" and strategic cooperation with major energy related industries. Click [here](#) ^[1] for additional information.

Flex Option

No

Discipline Type

Only projects in the following disciplines will be considered

Disciplines

Chemistry

Computer Science

Engineering

Environmental Sciences

Physics

Areas of Interest

Alternative energy technology to include a broad range of fields.

Preferred specialization in one or more of the following fields by the host institution: vehicle technology and transportation (biofuels, battery technology, charging units, large-scale use of electric vehicles and lightweight carbon fiber technology) and power generation (design, control and grid integration of wind power and other intermittent energy sources eg solar pV, combustion and gasification of solid biofuels and separation of carbon dioxide in conjunction with combustion).

Specialization in at least one of these fields will increase the opportunity for productive and sustained collaboration. Other fields related to energy technology will also be considered and are open to direct discussion with the host institution.

Special Features

In addition to the monthly living allowance, a monthly housing allowance of up to SEK 15 000 (\$1,600 USD) and a one-time round trip airfare for the grantee **and** accompanying dependents are also provided under the terms of the grant. Additional funds are also available for academic research activities related to this Chair.

Degree Requirements

Ph.D. (or other terminal degree) required

Additional Qualification Information

Ph.D., a minimum of five years of teaching and/or research on alternative energy; professionals and researchers from research institutes and corporations will be considered.

Please note that candidates currently residing in Sweden or who have already begun a program in Sweden are not eligible for the Fulbright program with Sweden.

Additional Language Requirement

All teaching and research, interaction with students and faculty will be conducted in English.

Invitation Requirement

A letter of invitation should not be sought.

Additional Comments

Housing will be covered by the Fulbright grant and will be arranged through the Chalmers University of Technology. Contact **Dr. Jörgen Sjöberg**, josj@chalmers.se ^[2], telephone +46 31 772 2549.

Contacts and Helpful Links

[Chalmers University of Technology](#) [4]

[Study in Sweden](#) [5]

[Fulbright Commission-Sweden](#) [6]

[Swedish Higher Education Authority](#) [7]

Multi-Country/Area Award

No

Award Length Filter

Three to six months

Seven to 10 months

Invitation Requirement Additional Information

Although a formal letter of invitation is not required at the time of application, prior contact with departments of interest at Chalmers is welcome.

Award Code

12290-SW

AddThis

Award Year

[2022-2023 Awards](#) [8]

Special Award Benefits

This grant provides supplementary funds to the Fulbright Distinguished Chair in Alternative Energy Technology to travel within Sweden and Europe for activities related to their academic project. Grantees are also welcome to apply for the Inter-country Lecture Program through the Commission.

Language Proficiency Requirements

None, English is sufficient.

Career Profile

Mid-Career Academics

Professionals

Senior Academics

Scholars selected for this award can choose to:

- Advise and/or mentor students
- Assist in faculty, curriculum, and/or program development
- Conduct a professional and/or artistic project
- Conduct a research project of the applicant's choosing
- Teach graduate and/or undergraduate courses designated by the host institution

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Links

[1] <https://www.chalmers.se/en/Pages/default.aspx>

[2] <mailto:josj@chalmers.se>

[3] <http://www.chalmers.se>

[4] <https://www.chalmers.se/sv/Sidor/default.aspx>

[5] <http://www.studyinsweden.se>

[6] <http://www.fulbright.se>

[7] <http://english.uka.se/>

[8] <https://awards.cies.org/award-years/2022-2023-awards>