

GRANTS AND INNOVATION OFFICE

To do a postdoc
Funding sources and general advice
10 March 2016

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GRANTS AND INNOVATION OFFICE

Outline of this session

- Why should you do a postdoc? –national or international postdoc?
- To do before you go on an international postdoc?
- Who can fund your postdoc? :
 - Postdoc funding– some examples of Swedish financiers
 - Postdoc funding – some examples of International financiers
- Writing tips!
- Meantime, you are away on your postdoc..and before you returning home.
- Recruiting excellent researchers - by using postdoc funding?

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Why postdoc?

- **Mandatory if you pursue a career in the academia !**
- **International postdoc better than national postdoc?**

Easier to get funded for doing a international postdoc.

An international postdoc is regarded to be of a higher value because you will:

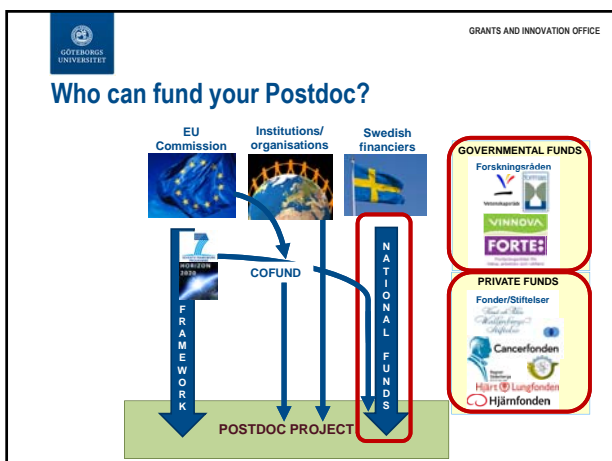
- Obtain a higher degree of independency (*Independence - an important criterion for many funding agencies when granting funds*)
- Expand your network – *networks and collaborations that can come in handy in future calls*
- Increase your chances of attracting future funding (*International postdoc - a hidden selection criteria for e.g. ERC SiG and ERC CoG*)

As a bonus, you will most likely have the best time of your life...

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To do before you go on an international postdoc:

- **Plan in advance** (at least 2 years in beforhand, and before you do your dissertation)
- **Find the right place:**
 - Go on conferences and use existing networks. Inform your supervisor about your plans on doing a postdoc and use the network that your supervisor have to find the right place.
 - Visit the institutions you are considering - is it a nice place? Do they have the right infrastructure?
- **Are you traveling by yourself or with family?** If you are going outside the EU, check if your spouse can obtain a work permit. Might be a little tricky and take some time to fix! Children? - Finding the right child care!
- **What about the accommodation?**
The university sometimes offer accommodations for visiting researchers. These are often quite expensive alternatives!
- **It is expensive to move!** You need money to do a postdoc abroad !
 - Large university cities have expensive rents!
 - It costs to start up a new household.
 - If you have children, remember that kindergartens and schools can be expensive.
 - Funding for trips home?
 - Check: Do you have the right insurance? What happens with your parental leave? What about your pension?



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Postdoc funding – Swedish financiers

GOVERNMENTAL FINANCIER/ RESEARCH COUNCILS:

- **Vetenskapsrådet** (Swedish Research Council); International postdoc
- **FORTE** (Research Council for people's health, working life and welfare) : Postdoc programme
- **FORMAS** (Research Council for Environment, Agricultural Sciences and Spatial Planning): Mobility Starting Grant (Mobilitetsstöd till unga forskare)

PRIVATE SWEDISH FINANCIERS:

- **Hjärnfonden**
- **Hjärt-Lungfonden**
- Svenska sällskapet för medicinska forskning
- Svenska läkaresällskapet
- **Wenner-Grens Stiftelserna**
- **Knut and Alice Wallenberg Foundation**
- **AFA-försäkringar** (Insurance company)

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VR – International postdoc

- **Who can apply?**
 - Anyone with a Swedish PhD or equivalent from a European University.
 - Can apply up to 2 years after PhD (deduction of time can be done for parental leave, positions of trust in trade union organisations and student organisations, mandatory service in the total defence, illness, medical internships or medical fellowship)
 - PhD degree must have been awarded before the deadline of this call.
- **Call twice per year :**
 - **Deadline 23 February 2016:** eligible if you get your PhD between 2014-02-23 and the deadline
 - **Deadline 13 September 2016:** eligible if you get your PhD between 2014-09-13 and the deadline

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VR – International postdoc

- **Duration of the postdoc:**
 - At least 18 months, maximum 36 months.
 - At least 2/3 of the time has to be spent abroad
- **Funding:**
 - Salary: 900 000 SEK/ year (Additional if you bring family members)
 - Research expenses: 150 000 SEK/ year
 - The grant is a flat rate budget – therefore no need to do a budget

Important! The postdoc is employed by a Swedish university during the entire postdoctoral employment. The postdoc is therefore covered by the Swedish welfare system.

After Swedish tax approx. 460 000 SEK/ year (38 300 SEK/month)

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VR – International postdoc

- **How many is funded –success rate?**
 - Incoming proposals:
 - 265 applications (spring 2014), 239 applications (autumn 2014)
 - 218 applications (spring 2015), 200 applications (autumn 2015)
 - 41 approved for both 2014 and 2015
 - success rate 2014: 15,5%, 17,2%
 - success rate 2015: 18,8%, 20,5%
 - Approx 30 % of these were awarded for Life Science
- **Applications should contain:**
 - Host support letter
 - Research program
 - CV and publication list
 - Evidence that the postdoc will be employed by a Swedish university during the entire postdoctoral time
 - Online submission (www.vr.se) –Prisma system

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FORTE – Postdoc programme

- **Who can apply?**

Have a PhD within any of FORTE responsibilities (people's health, working life and welfare) and a PhD exam dated between 1 January 2016 to the deadline of this call.
- **Call once per year - two-step procedure.**

Deadline beginning of Februari 2017 (see www.forte.se)
- **Duration:** 2 years
- **Funding:** 800 000 SEK/ year
- **How many are awarded?** Usually 12 researchers per year are awarded.
- **Applications should contain:** Projekt description and CV

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Stipends/scholarship for research abroad:

- **Who can apply?**



Those who have a PhD.
- **Call once per year.**

Deadline 11 May 2016 (see <http://www.hjart-lungfonden.se/>)
- **Duration:**

6-12 months (A scholarship may be prolonged after a renewal application)
- **Funding:**

The scholarship amount is determined individually based on the detailed budget plan.
- **Reintegration grant:** Call twice a year; Deadline 2016-03-16 & 2016-09-15. The grant is equivalent to 50 % employment at the university / college in Sweden for two years. The remaining time will be spent in clinical practice or financed by the host institution.

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- **Who can apply?**


Those who have a Swedish PhD, at the time of application or has a PhD not older than 5 years. Exemptions are allowed for medical internships.
- **Call once per year.**

Deadline 2016: in late April- beginning of May (see www.hjarnfonden.se/)
- **Duration:**

12 months (possible to split the scholarship period into two six-month periods)
- **Funding:**

280 000 SEK for one year (full-time) and can be applied for a postdoc both in Sweden and abroad.

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Svenska Sällskapet för Medicinsk Forskning

Scholarships for postdoc in medical science that provide the ability to apply for a docent

- Who can apply?**
PhD no older than 3 year before deadline (i.e. 15 November 2013) and at the latest before 1 February 2017, (deduction of time max 2 years for parental leave, public service or specialist training and military service). Only candidates who have had research activities in Sweden for at least 2 years, and intends to locate its future research in Sweden.
- Call once per year.**
Deadline 15 November 2016 (see www.ssmf.se)
- Duration:** Up to 2 years
- Funding:** 25 000 SEK/ month (taxfree) + Research expenses: 100 000 SEK/year and can be applied for a postdoc both in Sweden and abroad
- How many are awarded? 2014:** 31 were awarded

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Svenska Läkaresällskapet

Postdoctoral Fellowships for stay at the foreign institution

- Who can apply?**
Those who is a member of SLS (dues paid no later than February 1 the same year as application deadline). Has a PhD not older than 7 years (but preferably less)
- Call once per year.**
Deadline 1 Februari 2017 (se www.sls.se)
- Duration:**
3-12 months (full-time). Can be applied twice.
- Funding:**
18 000 SEK/ month (taxfree)

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Knut och Alice Wallenbergs Stiftelse

Two postdoc programmes funded by the Knut and Alice Wallenberg Foundation


Postdoctoral fellowship programme at the Broad Institute in the US:

- Who can apply?** Should have a PhD from a Swedish University
- Deadline 5 November 2016** (see : <http://www.wallenberg.com/kaw>)
- Duration:** Up to 2 years
- Funding:** US\$ 50,000 /year + family allowance grant US\$15,000

Postdoctoral fellowship programme at Stanford in the US:

- Who can apply?** Should have a PhD from a Swedish University
- Deadline 15 November 2016** (see : <http://www.wallenberg.com/kaw>)
- Duration:** Up to 2 years
- Funding:** US\$ 45,000 + US\$5,000 annual travel grant, insurance and medical benefits + family allowance grant US\$15,000

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Wenner-Gren Stiftelserna
Wenner-Gren Foundations

Wenner-Gren Foundations - Wenner-Gren Fellows:

- Who can apply?** PhD no older than 3 years
- Deadline 31 Januari 2017** (see www.swgc.org) (5 scholarships/ year are granted)
- Duration?** Up to 3 years of which one year should be spent in Sweden
- Funding?** 400 000 SEK/year + indirect costs

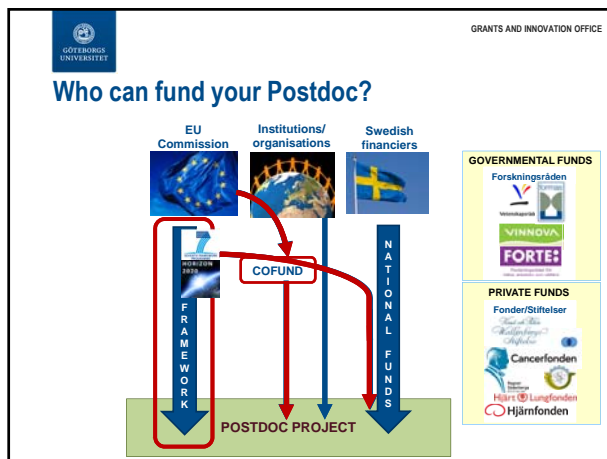
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afa
FÖRSÄKRING

Postdoc within working environment area (AFA = an insurance company)

- Who can apply?**
PhD no older than 5 years and completed at the latest by 31 October 2014.
- Call once per year.**
Deadline 22 September 2016 (see <https://www.afaforsakring.se/>)
- Duration:**
2 years
- Funding:**
2 000 000 SEK



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Postdoc funding – International financiers

EU-COMMISSION:

- Framework programme for research and Innovation (Horizon 2020)

COFUNDING - of postdoc programmes through EUs previous FP7:

SWEDISH INITIATIVE:

- VINNOVA: "Mobility for Growth" former "VINNMER-programme"
- FORTE: "COFAS 2-postdoc program"
- Vetenskapsrådet: "International Career grant" (INCA)
- Västra Götalandsregionen: "MoRE"

INTERNATIONAL INITIATIVE:

- WHRI-ACADEMY
- European Molecular Biology Organisation (EMBO)

INSTITUTE/INTERNATIONAL ORGANISATIONS:

- The Human Frontier Science Program (HFSP)
- The Fulbright Commission

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European Framework Programme - EU's main instrument for funding research

1999 - 2002 → 2003 - 2006 → 2007 - 2013 → 2014 - 2020

€14 871 Millions €19 256 Millions €50 500 Millions €77 000 Millions

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Horizon 2020 – Structure with three priorities

- 1. Excellent Science**
 - European Research Council (ERC)
 - Future and Emerging Technologies (FET)
 - Marie Skłodowska-Curie Actions (MSCA)
 - Research Infrastructures
- 2. Industrial Leadership**
 - Leadership in Enabling & Industrial Technologies (LEIT)
 - Information and communication technologies (ICT)
 - Key-Enabling Technologies (KETs): Nanotechnologies, Advanced materials, Advanced manufacturing and processing, Biotechnology
 - Access to Risk Finance
 - Innovation in SMEs
- 3. Societal Challenges**
 - 7 Challenges:
 - Health, Demographic Change and Wellbeing
 - Food security, sustainable agriculture, marine and maritime research and the bio economy
 - Secure, clean and efficient energy
 - Smart, green and integrated transport
 - Climate action, resource efficiency and raw materials
 - Europe in a changing world: inclusive, innovative and reflective societies
 - Secure societies – protecting freedom and security of Europe and its citizens

Supporting programmes:

- Euratom programme (Nuclear research)
- European Institute of Innovation and Technology (EIT)
- Science with and for society
- Widening Participation
- Joint Research Centre (JRC)

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Marie Skłodowska-Curie Actions (MSCA)

- Support researcher mobility:
 - geographical
 - sector
- Address researchers in different stages of their careers

Funding schemes/ Instrument:

- Individual Fellowships (IF, postdocs)
 - European Fellowships (EF)
 - Global Fellowships (GF)
- Innovation Training Networks (ITN, "Research schools")
 - European Training Network (ETN)
 - European Industrial Doctorate (EID)
 - European Joint Doctorate (EJD)
- Research and Innovation Staff Exchange (RISE)
- Co-funding of regional, national and international programmes (COFUND)
- European Researchers' Night (NIGHT)

Bottom-up approach; open for all research areas, researcher-driven

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MSCA - European Fellowships (EF)

- Type of activity:** Post doc, within and to EU/assoc. country, Any topics
- Nationality:** Any (may come from or outside the EU / assoc. country).
- Experience:** Minimum a PhD or at least 4 years' full-time equivalent research experience (However, the chances are greater to be funded if you have more experience)
- Mobility:** Move from any country to an EU / assoc. country. Researchers *should not*, prior to the deadline submission, have resided in the host country more than 1 year in the last 3 years.
- Duration:** 1-2 years (full-time) employment
- Deadline: 14 September 2016**
Call opens 12 April

Europe: Member states (28) + Associated countries (10)
 Associated countries: Israel, Norway, Iceland, Turkey, Serbia, Macedonia, Albania, Montenegro, Bosnia and Herzegovina, Moldova
 Third countries: Countries outside Europe + Switzerland (2014)

Success rate (2014): 18,6% (SWE: 13,2 %) GU: 36,4% (8 granted out of 22 submitted)
Success rate (2015): 14,2% (SWE: 9 %) GU: 26% (6 granted out of 23 submitted)

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MSCA - Global Fellowships (GF)

- Type of activity:** Post doc in a third country, Any topics
- Nationality:** Researchers from EU/ assoc. countries (or been residing and carrying out their main activity in EU/ assoc country, the last 5 years)
- Experience:** Minimum PhD or at least 4 years' full-time equivalent research experience (However, the chances are greater to be funded if you have more experience).
- Mobility:** 2 phases: initial outgoing phase (1-2 years; move from EU/assoc country to a third country) + a mandatory re-integration phase of 1 year in EU/assoc country. Researchers *should not*, prior to the deadline submission, have resided in the host country more than 1 year in the last 3 years.
- Duration:** up to 3 years (1-2 years + 1 year, full-time employment)
- Deadline: 14 September 2016**
Call opens 12 April

Third Country: Countries outside Europe (US, Australia, China, India, and Brazil)

Success rate (2014): 11,3% (SWE: 8,7 %) GU: No granted out of 2 submitted
Success rate (2015): 11,3% (SWE: 9 %) GU: No granted out of 0 submitted

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HORIZON 2020

MSCA - How much is the EU contribution (IF)?

Compensation to fellowships consists of *monthly living, mobility and family allowance*, determined by a flat rate (for living allowance + the correction coefficient for the individual country).

Fellows' expenses	<ul style="list-style-type: none"> Monthly Living Allowance (salary)* (flat rate, rate for individual countries is obtained by applying the correction coefficient) € 4 650/ month (Experienced researchers, ER, Postdoc) Monthly Mobility Allowance (flat rate, cover expenses linked to researchers, relocation, travel for researcher) € 600 Monthly Family Allowance (flat rate, cover expenses linked to researchers family situation) € 500 	<p>* The Correction coefficient (2014-2015) for:</p> <p>Belgium/ Luxembourg: are the basis (1) Sweden: 1.117 UK: 1.203 Portugal: 0.891 Denmark: 1.353</p>	
	<ul style="list-style-type: none"> Research, training and networking costs: flat rate € 800 per researcher-month Contribution to Management and Indirect costs: flat rate € 650 per researcher-month 		
	Hosts' expenses		

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MSCA - Find more information

http://ec.europa.eu/research/mariecurieactions/index_en.htm



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Marie Curie Actions

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Women Innovator Prize
The European Commission is launching the second edition of the Women Innovator Prize. Applications are open until 15 October 2015. Read more


Marie Curie Actions - Research Fellowship Programme

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HORIZON 2020

Participant Portal – the portal for “calls and projects”

Here you find all information about the calls:

- Work programme**
Lists calls / defines project content
- Template for application**
To access these, you must register your application (use Research and Innovation office)
<https://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- “Guide for applicant”**
Read carefully !!
- Have a search facility:**
Search calls by using keywords
https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/search/search_topics.html



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HORIZON 2020

Postdoc funding – International financiers

EU-COMMISSION:

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COFUNDING - of postdoc programmes through EUs previous FP7:

SWEDISH INITIATIVES/ POSTDOC PROGRAMMES:

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EUROPEAN RESEARCH INFRASTRUCTURE PROGRAMME

COFUNDING of postdoc programmes through FP7

SWEDISH INITIATIVES/ POSTDOC PROGRAMMES:

- VINNOVA: “Mobility for Growth” former “VINNMER-programmet”**
Link: <http://www.vinnova.se/sv/Var-verksamhet/Innovationsformaga-bos-specifika-malgrupper/Kunskapsriangeln/Mobility-for-Growth/>
- FORTE: “COFAS 2-postdoc program”**
Link: <http://www.forte.se/sv/Utlansningar/2015/COFAS-2-FIP/>
- Vetenskapsrådet: “International Career grant” (INCA)**
Link: <http://www.vr.se/forskningsfinansiering/sokabidrag/vetenskapsradetsutlansningar/stangdaUtlansningar/internationalcareergrant.5.7e727b6e141e9ed702b100f2.html>
- Västra Götalandsregionen: “MoRE”**
Link: <http://www.vgregion.se/more>




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EUROPEAN RESEARCH INFRASTRUCTURE PROGRAMME

COFUNDING of postdoc programmes through FP7

INTERNATIONAL INITIATIVES /POSTDOC PROGRAMMES:

- WHRI-ACADEMY**
Transnational and multidisciplinary research in the life sciences and health sciences
Deadline: ? 2016
Link: www.whri-academy.eu/
- European Molecular Biology Organisation (EMBO)**
“Aims to define molecular biology in the broadest terms possible, from single molecules to organisms and ecosystems.”
Deadline (long term fellowship up to 2 years): 12 February & 12 August 2016
Link: www.embo.org



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Who can fund your Postdoc?

The diagram illustrates various funding sources for a postdoc project. It is divided into three main categories: **EU Commission**, **Institutions/organisations**, and **Swedish financiers**. A central **COFUND** box is connected to these. Below these are **FRAMEWORK** and **NATIONAL FUNDS**. To the right, there are two boxes for **GOVERNMENTAL FUNDS** (Forskningsråden, VINNOVA, FORTE) and **PRIVATE FUNDS** (Fonder/Stiftelser, Cancerfonden, Hjärt & Lungfonden, Hjälpfonden). All paths lead to a **POSTDOC PROJECT** box at the bottom.

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Postdoc funding – International financiers

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Other organisation funding postdocs

- **The Human Frontier Science Program**
Up to 3 year postdoc within Life Sciences.
Deadline in August –September 2016, approx 80 proposals funded each year.
Approx 475 000 SEK/ year + 45 000 SEK/ child + travel grants 50 000 SEK/ year + research grant 50 000 SEK/ year.
Link: www.hfsp.org
- **The Fulbright Commission**
Researcher exchange with US (researcher with a PhD), Deadline 11 January 2016
50 000 SEK + health insurance
Link: www.fulbright.se
- **The Sweden-America Foundation**
Swedish citizen, 6-12 months postdoc,
Deadline 15 September 2016, 50 000 - 400 000 SEK/ year
Link: www.sweamfo.se

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More...

- **European Society of Cardiology**
Young thrombosis researchers exchange grant
Exchange Grant between Centers or Laboratories leaders in the research of thrombosis.
Award amount: 12 months salary
Deadline in 30 July 2016.
Link: <http://www.escardio.org/The-ESC/About/European-Society-of-Cardiology>
- **International Brain Research Organization**
IBRO research fellowship, one year fellowship for applicants under the age of 45
Award amount: €35,000
Deadline 15 June 2016
Link: <http://ibro.info/>
- **De Duve Institute**
Postdoctoral fellowships, 12 months postdoc within one of the research groups at the institute. Candidates must hold a PhD, MD or equivalent degree. Award amount: €2,200/ month tax-free + Health insurance
Deadline 15 August 2016
Link: <http://www.deduveinstitute.be/>

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More...

- **European Academy of Neurology**
Research fellowship 6 – 12 months postdoc within neurology.
Award amount: €2,000 per month + travel expenses of up to €500
Deadline in 31 August 2016.
Link: https://www.eaneurology.org/Welcome-to-EAN_1325_0.html
- **American Academy of Neurology**
Practice research training fellowship, supports training in clinical practice research, 24 months fellowship
Award amount: US\$ 55,000 per year for two years
Deadline 1 October 2016
Link: <https://www.aan.com/>

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Writing tips!

Start early!

- Read the instructions carefully - use the templates available!
- Writing a postdoc application differs from a regular project application - describe how your postdoc can "boost" your career!
- Put away the application a while - and let it mature!
- Let others read!

Remember :

- Evaluators are always under time pressure when evaluating
- Evaluators are not always experts in your research field

General writing tips for all kinds of applications :
Make sure that the following questions are answered on the very first page. .

- Why is this important? (What new knowledge will come out?)
- Is this new knowledge? (Have this not been done before?)
- Why now? (Why is this the right time to do this now?)
- Why you? (Are you the best person to do this?)

*Why bother?
Why now?
Why you?*

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**Meanwhile, you are away on your postdoc...
...and before you returning home**

Make sure that you are not forgotten back home!

- Are you home in Sweden on visit – make sure to visit the institution!
Hold presentations and tell them about what you are doing now.
- Contact them and inform about your returning.

Keep networking - get contacts for future collaborations and applications!

Apply for funding for your returning phase before you are home.

Plan your future

- What do you want to do?

But perhaps most importantly - Take the opportunity to experience the country you are visiting!

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**Recruiting excellent researchers –
by using postdoc funding!**

**Many of the same funding sources listed in this presentation can be applied also
by researchers who wish to do a postdoc in Sweden!**

Find candidates:

- At conferences (- poster sessions, oral presentations)
- Through networks and research colleagues

Inform Grants and Innovation Office about your candidate:

- We will then help the candidates to apply.



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Questions?

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