Session II
CV and Funding ID
+ Track record

PI is you!

- **Single Principal Investigator (PI) heading research teams**
- The ERC STG, COG and ADG grants support individual researchers that are starting or consolidating, (or for ADG already leading and perhaps aiming to strengthen) their own independent research team or programme and who can demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal. In certain fields (e.g. in the humanities and mathematics), where research is often performed individually, the 'team' may consist solely of the Principal Investigator.

Eligibility

- Any field of science
- Any nationality who intend to conduct their research activity in any Member State or Associated Country.
- Principal Investigators may be of any age and nationality and may reside in any country in the world at the time of the application.

Eligibility period: Principal Investigator shall have been awarded his or her first PhD			
Starting Grant	**Consolidator Grant**	**Advanced Grant**	**Synergy Grant**
> 2 and ≤ 7 years prior to 1 January 2020 Cut-off dates: PhD awarded from 1 January 2013 to 31 December 2017 (inclusive)	> 7 and ≤ 12 years prior to 1 January 2020 Cut-off dates: PhD awarded from 1 January 2008 to 31 December 2012 (inclusive)	No specific criteria	No specific criteria

Specific criteria Advanced

Advanced Grant
ERC Advanced Grant Principal Investigators are expected to be active researchers and to have a track record of significant research achievements in their field during the last 10 years. A competitive Advanced Grant Principal Investigator must have already shown a record which identifies them as an exceptional leader in terms of originality and significance of their research contributions.
In most fields, PIs will be expected to have a proven track record of achievements in the past 10 years appropriate to their research field and at least matching one or more of the following benchmarks, for instance: up to 10 significant publications as main author in leading international peer-reviewed journals of their respective field, or major international peer-reviewed multidisciplinary scientific journals; 3 major research monographs (for research fields where monographs is the norm). They may also demonstrate a record of invited presentations in well-established international conferences, organization of international conferences, granted patents, leading research expeditions, awards, prizes, academy memberships etc.[7].

Specific criteria Starter and Consolidator

Starting Grant	Consolidator Grant
A competitive STG PI must have already shown the potential for research independence and evidence of maturity, for example by having produced at least one important publication as main author or without the participation of their PhD supervisor.	A competitive COG PI must have already shown research independence and evidence of maturity, for example by having produced several important publications as main author or without the participation of their PhD supervisor.
All PIs should also be able to demonstrate a promising track record of early achievements appropriate to their research field and career stage, including significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in leading international peer-reviewed journals of their respective field. They may also demonstrate a record of invited presentations in well-established international conferences, granted patents, awards, prizes etc.	

Extensions

- ***Maternity**: 18 months extension for each child born **before or after the PhD** award. If the applicant can document a longer maternity leave, the eligibility period will be extended*
- *- **Paternity**: extension by the documented time of paternity leave taken until the call deadline for each child born **before or after the PhD** award.*
- ***Long-term illness** or **national service**: extension by the documented amount of leave taken by the Principal Investigator until the call deadline for each incident which occurred after the PhD award date. ->* Over ninety days for the Principal Investigator or a close family member (child, spouse, parent or sibling).
- ***Clinical training**: extension by the documented amount of clinical training received by the Principal Investigator **after** the award of the first eligible degree and until the call deadline, **up to a maximum of 4 years**.*
- *Use a calculator to determine your eligibility: https://enspire.science/erc-eligibility-window-calculator/*

Your competition

- You will be compared with researchers at a similar career stage and in your field
- You will have to show excellent results and capabilities
- You should have international experience and visibility in your field
- Best change often in the last years of eligibility, but do not leave the first try at the last change – you might need to resubmit
- PIs from Europe and beyond

PI- what is it

- A new role in the research career → independence
- Sometimes an official role at your organisation that you'll need to apply for
- Research funding for a research group (oneself and others)
- Defines the substance of the research project
  - Clear and realistic picture of the research project (aims, indented results)
  - Leadership already in the application phase
- Responsibilities
  - Understanding on the purpose of the funding → implementation
  - Understanding on the needed resources
- Employing personnel
  - recruiting, guidance, mentoring, directing
- Creating networks nationally and internationally

PI – Finances of the project

- Budgeting as well as handling the expenditure and incomes of the project
- Public procurements
- Comply with the funding terms of the funder (application and implementation)
    - Financial reporting according to the funding terms
- Use and follow up of the project account
- Take part in the audits

PI – Implementing the research plan

- The scientific implementation and leadership of the project
  - Funding decision, contract, research plan, good scientific practice, legislation, permits, ethical issues …
- Familiarize others to the research plan and contract
- Informing and signing of the university's internal contract
  - all the people taking part of the project sign it
- Scientific reporting
- Invention disclosures
- Obligations that remain after the disclosure of the contract / agreement

Something for you to think

- Are you eligible?
- Is this the right time for you to apply?
- Is your academic record good enough at this stage?
- Are you motivated to make the effort?
- Do you have ONE GOOD IDEA that needs to be studied and makes evaluators to say:

“You get the feeling ‘This is really great, this study has to be done.’ It’s like a fire in the belly, or knocking your socks down, it makes you say to yourself, ‘Darn, I wish I had thought of this!”

2. Principal Investigator

Intellectual capacity, creativity and commitment

Starting and Consolidator

Intellectual capacity and creativity

To what extent has the PI demonstrated the ability to propose and conduct ground-breaking research?

To what extent does the PI provide evidence of creative independent thinking?

To what extent have the achievements of the PI typically gone beyond the state of the art?

Commitment

To what extent does the PI demonstrate the level of commitment to the project necessary for its execution and the willingness to devote a significant amount of time to the project (min 50% for Starting and 40% for Consolidator of the total working time on it and min 50% in an EU Member State or Associated Country) (based on the full Scientific Proposal)?

Use the template!

- The CV template available in the portal, but you need to start your proposal to get it
- Remember still, it is only suggestions
- Only have headings with content
- Add a professional pic

- Make it a story and give it some life (around the basic bones)

PERSONAL INFORMATION

- Family name, First name:
- Researcher unique identifier(s) (such as ORCID, Research ID, etc. ...):

> If you do not have one, get one now

- Date of birth:
- Nationality
- URL for web site: Have it updated before the evaluation

EDUCATION

- Year xxx PhD: Name of Faculty/ Department, Name of University/ Institution, Country, Name of PhD Supervisor
- Year xxxx Master Name of Faculty/ Department, Name of University/ Institution, Country
- Also any other with explanations
- Not your total education history (only academic)
- Add your good grades (if you have them) and honours
- Did you participate in a famous summer school or workshop led by a well-known scholar? add that

CURRENT POSITION(S)

- 201? – 201? Current Position

Name of Faculty/ Department, Name of University/ Institution/ Country

- 200? – Current Position

Name of Faculty/ Department, Name of University/ Institution/ Country

- Here you can start to elaborate if it links to your project
- Name dropping if relevant is good
- “I work as a team leader in a unit of x led by academy professor Y”
- Own supervision, mobility, also at another university
- “I moved to the department of X in UTU to be able to develop my research to….to work with…to use the equipment z…”

PREVIOUS POSITIONS

- 200? – 200? Position held
- Name of Faculty/ Department, Name of University/ Institution/ Country
- 200? – 200? Position held
- Name of Faculty/ Department, Name of University/ Institution/ Country
- *-> “During this visiting fellowship I formed an important link to my research with Dr. Z in Univ. of X…”*
- If you have very many short positions, lump the older / less significant together
- MOBILITY! If not longer, mention the short ones with their long term consequences

FELLOWSHIPS

- 200? – 200? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
- 199? – 199? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
- This will prove your independence and that you have been outstanding
- If not international / known awards –> explain

“My thesis xxx was awarded the best thesis in the faculty in 2002 (from amongst how many). The thesis was praised for z and y… “

The above tell about your professional advancement so far + give light to how your career might continue.

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 200? – 200? Number of Postdocs/ PhD/ Master Students, Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country
- Mention co-supervision as well, informal ones as well, explain policy
- How many have graduated, how many ongoing, where are they now

“PhD candidate x wanted me as her co-supervision on the grounds that my expertise in y would benefit her work”

- If you do not have any supervision, describe your involvement in other types of projects of other people in early achievement track-record

TEACHING ACTIVITIES (if applicable)

- 200? – Teaching position – Topic, Name of University/ Institution/ Country
- 200? – 200? Teaching position – Topic, Name of University/ Institution/ Country
- Add your teaching interests and what steps you have taken to improve as a teacher
- If you have had many, lump again the older / less significant ones
- Do not boast too much with your teaching – avoid to be seen as a “non-researcher”
- Did some course inspire your research – tell that

ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)

- 201? Please specify your role and the name of event / Country
- 200? Please specify type of event / number of participants / Country
- " 2006 European Science conference, Turku, Finland. I was part of the local organising committee that organised the event of 360 attendees. My responsibility was x…"
- Chairing, opponent etc…

This will tell about your interests and activity

INSTITUTIONAL RESPONSIBILITIES (if applicable)

- 201? – Faculty member, Name of University/ Institution/ Country
- 201? – 201? Graduate Student Advisor, Name of University/ Institution/ Country
- 200? – 200? Member of the Faculty Committee, Name of University/ Institution/ Country
- 200? – 200? Organiser of the Internal Seminar, Name of University/ Institution/ Country
- 200? – 200? Member of a Committee; role, Name of University/ Institution/ Country
- This will have some repetition from previous parts
- Different from the next: more permanent & internal positions

COMMISSIONS OF TRUST (if applicable)

- 201? – **Scientific Advisory Board**, Name of University/ Institution/ Country
- 201? – **Review Board**, Name of University/ Institution/ Country
- 201? – Review panel member, Name of University/ Institution/ Country
- 201? – **Editorial Board**, Name of University/ Institution/ Country
- 200? – Scientific Advisory Board, Name of University/ Institution/ Country
- 200? – **Reviewer**, Name of University/ Institution/ Country
- 200? – Scientific Evaluation, Name of University/ Institution/ Country
- 200? – **Evaluator,** Name of University/ Institution/ Country

If you do not have many, consider uniting this and the previous part

- Journal boards, reviewing (funding, graduate students papers)
- More temporary, invitation based stuff

MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)

- 201? – Member, Research Network "*Name of Research Network*"
- 200? – Associated Member, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
- 200? – Funding Member, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
- This will prove your network
- Include also unofficial ones and explain
- "The funding member of group y of young scientist in the area of x. The group meets x times a year and does this and that"
- Mention if the membership is based on invitation

The 3 above tell about your popularity within your institution and outside in other academia

MAJOR COLLABORATIONS (if applicable)

- Name of collaborators, Topic, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
- If you have a country case or data, add the connection
- Joint publications
- Do not make it too collaborative
- Who will help you learn a net method? Technology?

SAB

- Consider a scientific advisory board (about 3 senior colleagues)

-> Ask yourself, who would benefit your work most

- Ask permission to mention people in your SAB

-> Consisting of people with different views! Add someone who is critical towards your approach

"Prof. x from univ. y. We will collaborate on topic z and he has promised to be in my SAB to evaluate my project x times a year"

This will tell your international & national network. Highlight any non-academic connections as well. Very important if you have scarce mobility!

CAREER BREAKS (if applicable)

- Exact dates Please indicate the reason and the duration in months.
- Explain in detail how long and what the brakes are for. Do not expect the international panel to be aware of any country specific issues

This will make them understands any gaps in your track record

Other possible headings

- You can be creative
- If you have space, add a short description about your **research interests**, why you are the right person for this project.

Example: ” I saw the importance of my topic x while working on my topic X during my PhD. I feel that the method of D and my data C will allow me to find the connections between A and B. My network, keen interests and knowledge of technology G will allow me to ….”

- Or you could add shortly **something about your major publications** and how they link with your project at hand
- Place these extra headings after personal details before education or in the end, depending on the nature.
- Be positive and stress independence
- What would be the **added value of this grant** to your career?

The whole story of a CV

- You have had an **interesting, mobile and diverse** career so far and have established yourself in your organization but also internationally at the **top of your field**
- You are **trusted** amongst your peers and you show potential to be the **future leader** in your field since you have a good start and **supervising**.
- Your interests and international connections have sparked you to pursue yet a more **challenging academic project**.
- **With the help** of this funding and your well-thought **network** consisting of seniors (SAB) and juniors (the ones you'll hire) you will reach this timely, risky- yet important goal.
- You will dedicate a good amount of your time and effort to this project. (Show in both B1 and B2)

You are so willing and able to do this project – they just have to give you the funding

Commitment of the PI

Minimum percentage of the working time of a Principal Investigator that shall be spent	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
On the ERC project	50%	40%	30%	30% for each Principal Investigator
In an EU Member State or Associated Country[17]	50%	50%	50%	50% for each Principal Investigator engaged and hosted by an institution in the EU or Associated Countries

Positive comments by evaluators Starter and Consolidator

- The PI has vast experience abroad
- The PI is an internationally widely experienced and networked scholar, with a good record of winning and managing research funding,
- PI has experience in guiding the work of students and junior scholars.
- Record of publications is very impressive.

Positive comments by evaluators Advanced

- A significant number of former PhDs and postdocs have pursued a career in science and service platforms. This provides evidence of good mentoring.
- The PI has been the recipient of several awards and honours, has an excellent publication record, has several prominent collaborators, and has trained and contributed to the careers of many young investigators.

Currencies in research

- Publications* and citations
- Received funding
- Networks and collaboration
- Mobility
- (Invited) presentations
- Honors and prizes
- Memberships, referee work
- Supervision and leadership experience
- Data, methods, applications, patents…

*without your supervisor

UNIVERSITY OF TURKU

Funding ID

Funding ID

Appendix: All ongoing and submitted grants and funding of the PI (Funding ID)

Mandatory information (does not count towards page limits)

Ongoing Grants (Please indicate "No funding" when applicable):

Project Title	*Funding source*	*Amount (Euros)*	*Period*	*Role of the PI*	*Relation to current ERC proposal*[2]

Grant applications (Please indicate "None" when applicable):

Project Title	*Funding source*	*Amount (Euros)*	*Period*	*Role of the PI*	*Relation to current ERC proposal*[2]

On-going Grants

Project Title	*Funding source*	*Amount (Euros)*	*Period*	*Role of the PI*	*Relation to current ERC proposal (please see the footnote)*
[Full project tittle]	Academy of Y	1 250 000	2011-16	My roles as the PI include study design, statistical analyses, supervision, reporting.	**a)** see footnote; strong relationship
[Full project tittle]	Funder Z	230 000	2012-15	My roles as the PI include study design, statistical analyses, supervision, reporting.	**b)** see footnote; strong relationship
[Full project tittle]	Int funder V	$13 325 000 for the consortium, Subcontract for the Finnish site 600 000 eur	2015-19	My roles as the Co-PI include acting as the director of data centre responsible for …	no relationship

a) This grant has enabled data collections on … that will be utilised in the ACRONYM project (especially x and y).
b) This grant has enabled data collections on …that will be utilised in the ACRONYM project (as part of the .. studies).

(Early) achievement track record

2 pages

Starter track

- must have already shown the potential for research independence and evidence of maturity, for example by having produced at least **one important publication** as **main author or without the participation of their PhD supervisor.**
- a promising track record of early achievements appropriate to their research field and career stage
- significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals or in leading international peer-reviewed journals of their respective field.
- They may also demonstrate a record of invited presentations in well-established international conferences, granted patents, awards, prizes etc.

Consolidator track

- PI must have already shown research independence and evidence of maturity, for example by having produced **several important publications as main author** or without the participation of their PhD supervisor.
- a promising track record of early achievements appropriate to their research field and career stage
- significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals or in leading international peer-reviewed journals of their respective field.
- They may also demonstrate a record of invited presentations in well-established international conferences, granted patents, awards, prizes etc.

Advanced track

- Expected to be **active** researchers
- a track record of significant research achievements in their field during the **last 10 years**.
- a record which identifies them as an **exceptional leader** in terms of **originality** and **significance** of their research contributions.
- following benchmarks, for instance:

- up to 10 significant publications as main author in leading international peer-reviewed journals of their respective field
- or major international peer-reviewed multidisciplinary scientific journals
- 3 major research monographs (for research fields where monographs is the norm).
- They may also demonstrate a record of invited presentations in well-established international conferences, organization of international conferences, granted patents, leading research expeditions, awards, prizes, academy memberships etc.

Track – what do they mean?

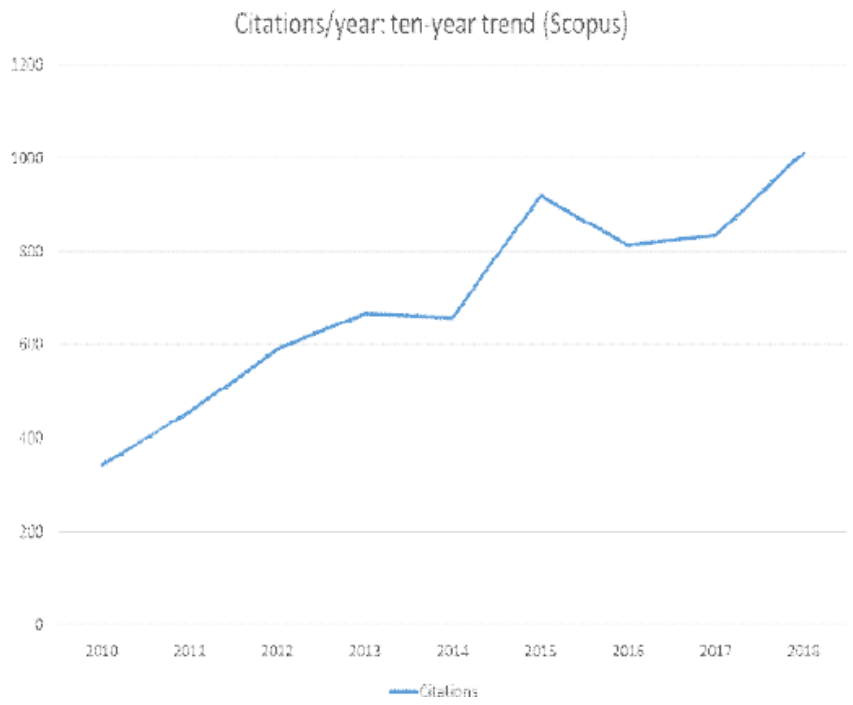
- important achievements, including your most important publications (up to **five** for Starting Grant and up to **ten** for Consolidator Grant and 10 of the most important publications for Advanced Grant)
- highlighting those as main author and/or without the co-authorship of your PhD supervisor.
- The publications should be properly referenced, including all authors in the published order.
- Field relevant bibliometric indicators as well as research monographs and any translations thereof may also be included.
- If applicable include: granted patent(s); invited presentations to internationally established conferences and/or international advanced schools; Prizes/Awards/Academy memberships etc.

EATR start

- With your total publications (see example two slides down), H-index etc.
- Highlight 5 most important ones to this project
- Show a histogram of citations excluding self-citations
- Add source of H-index & citations– they will check
- Tell in a few lines the story about your most important publications. What lead you to your idea?
- Highlight if you only have a selection of publications – again mention totals

Example

Section c: Ten years track-record (max. 2 pages)[3]



Publications since 2010:
88 peer-reviewed papers (+10 submitted in 2019);
18 chapters in international textbooks (published by, e.g. Cambridge University Press, Guilford, Routledge, Wiley-Blackwell).

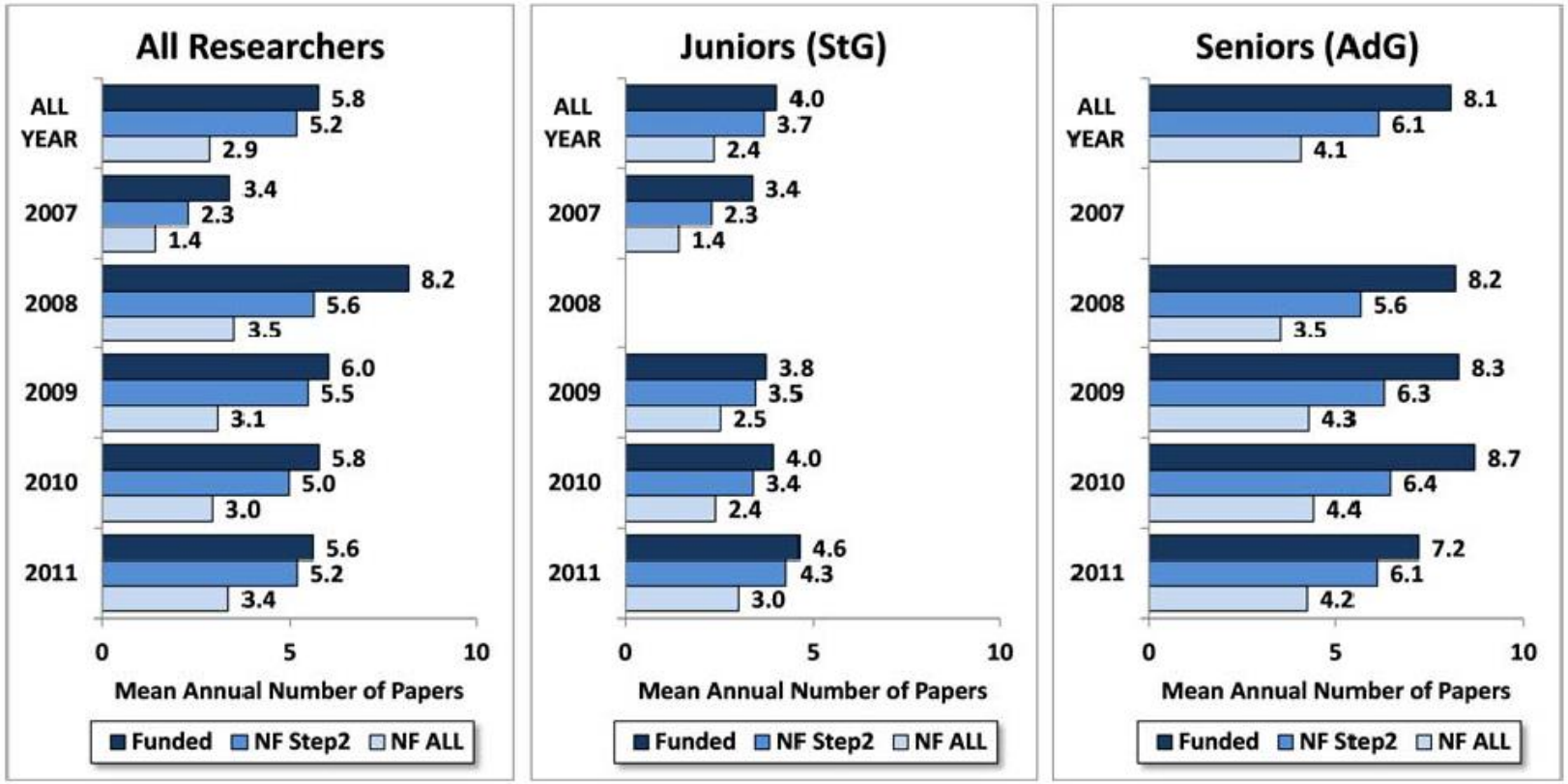
From among the total of 21.773 citations, 17.081 citations since 2010 (Google Scholar)
From among the total of 8.376 citations, 7.090 since 2010 (Scopus)

Help them analyze

- Always mention totals
- Elaborate on the meaning of an important publication to this project
- Tell if a review is based on an invitation
- Highlight your publications as 1st author and without your supervisor
- If there is something that explains **a gap** or other irregularities in your publication track, explain it (be positive, no whining)
- International collaboration is among ERCs high (50-60% of publications)

Average publications

Figure 3-1. Mean Annual Number of Papers per ERC Applicant Prior to Competition Year by Seniority, Competition Year and Funding Status

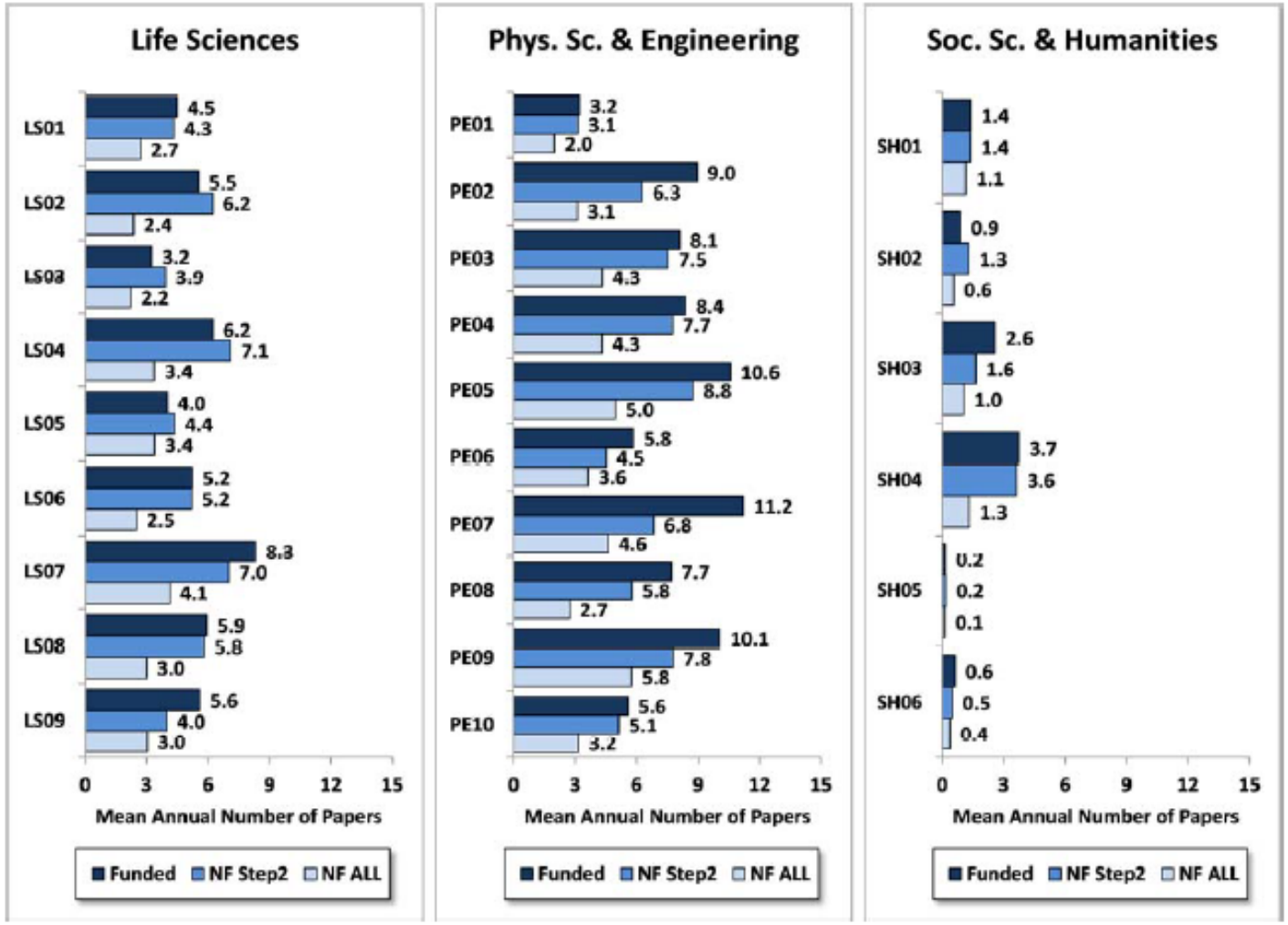


- Figures from ERC bibliometrics report: https://erc.europa.eu/sites/default/files/document/file/ERC_Bibliometrics_report.pdf

Differences by panels

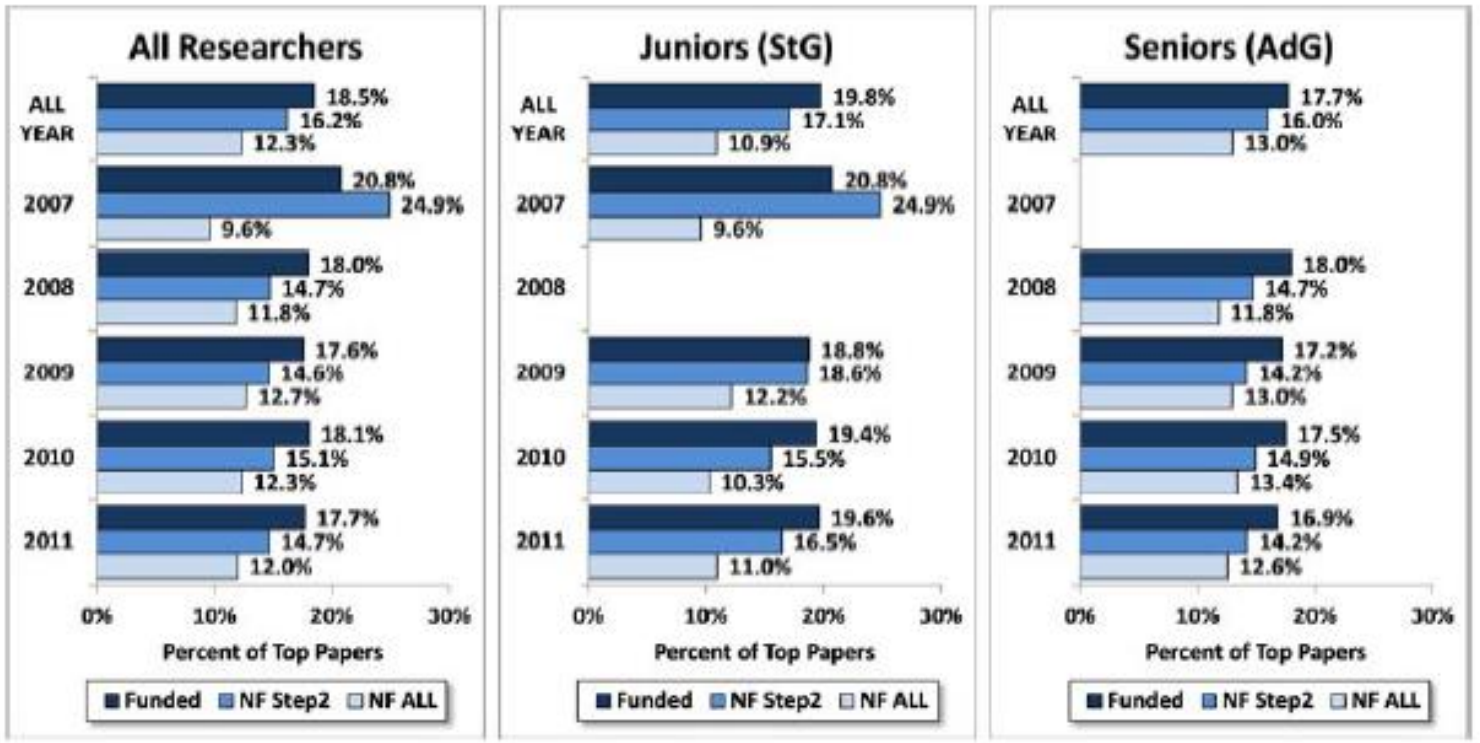
Source: *Web of Science (WoS) 1980-2013*

Figure 3-2. Mean Annual Number of Papers per ERC Applicant Prior to Competition Year by Domain, Panel and Funding Status



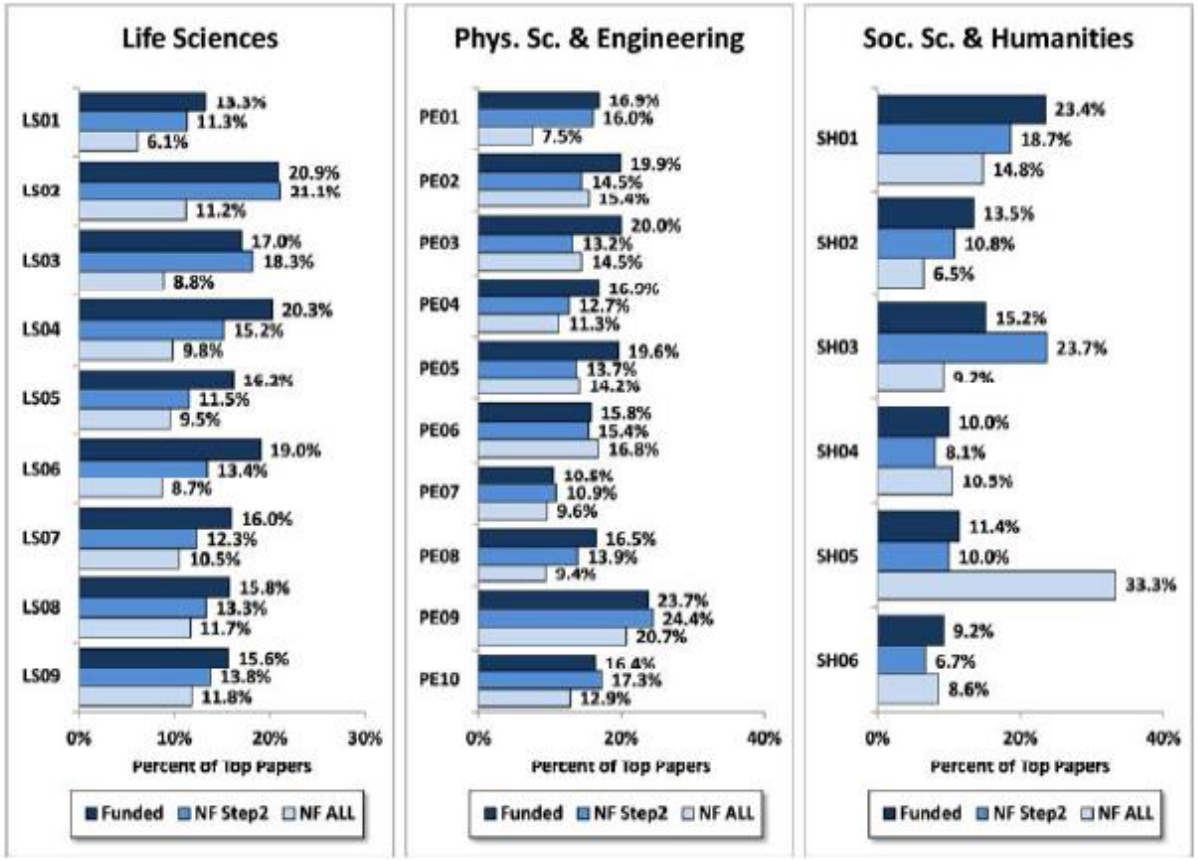
Top papers needed

Figure 3-7. Percentage of ERC Applicants' Papers in the Top 5% of the Most Cited Papers by Seniority, Competition Year and Funding Status



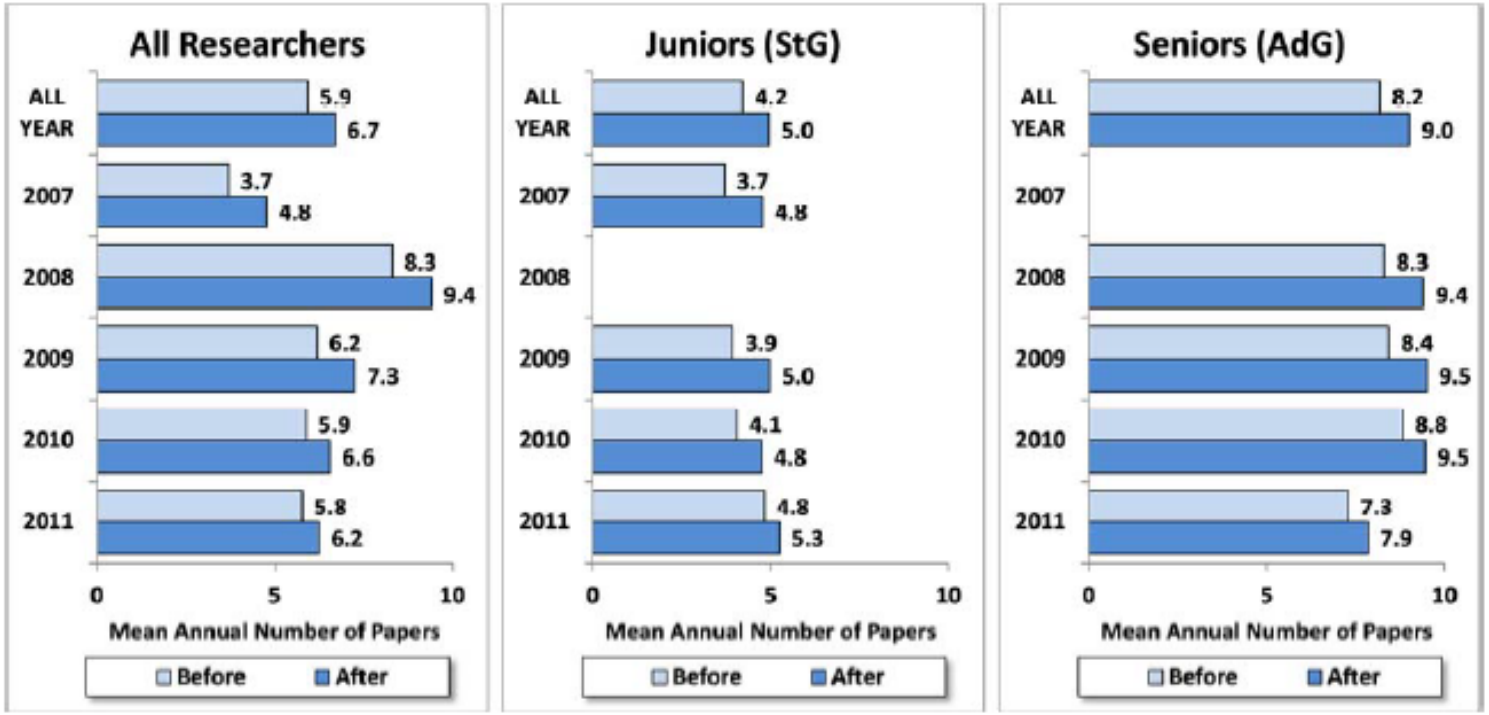
Top publications by panels

Figure 3-8. Percentage of ERC Applicants' Papers in the Top 5% of the Most Cited Papers by Domain, Panel and Funding Status



ERC funding boosts publication

Figure 3-15. Mean Annual Number of Papers per ERC-Funded Researcher Before and After the Grant Start Year by Seniority and Competition Year



Closer look at SSH

SH01	Individuals, institutions and markets
SH02	Institutions, values, beliefs and behaviour
SH03	Environment, space and population
SH04	The Human Mind and its complexity
SH05	Cultures and cultural production
SH06	The study of the human past

Figure 3-42. Mean Annual Number of Google Scholar Papers per ERC Applicant Prior to Competition Year, by Funding Status

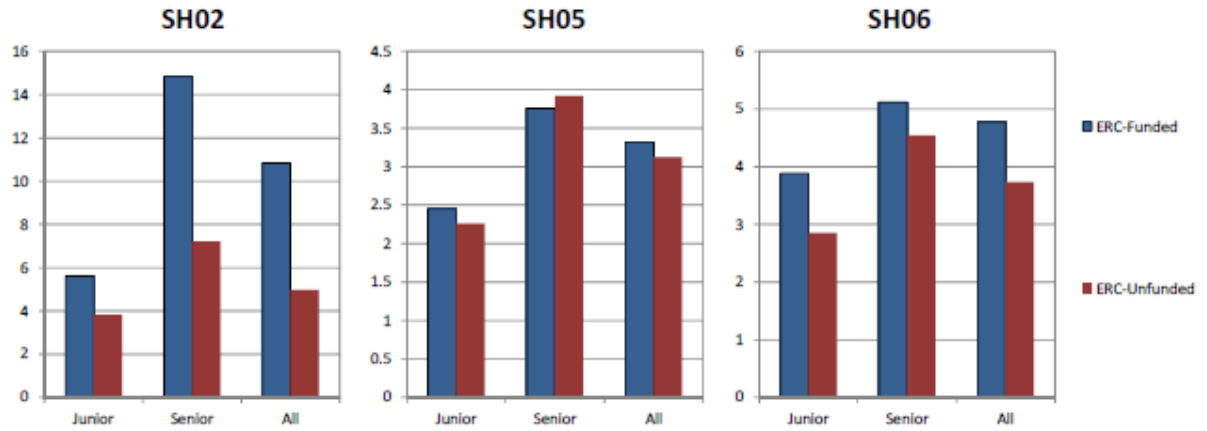
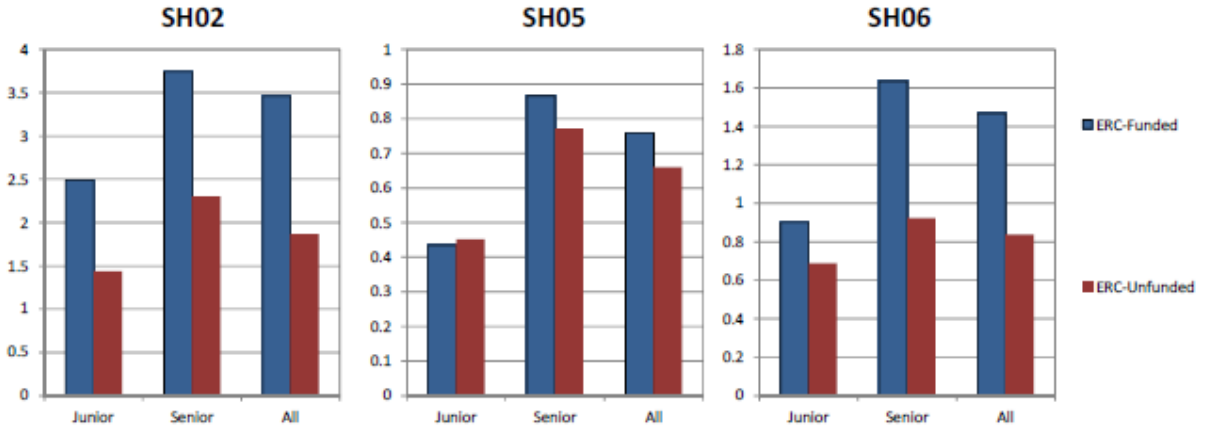


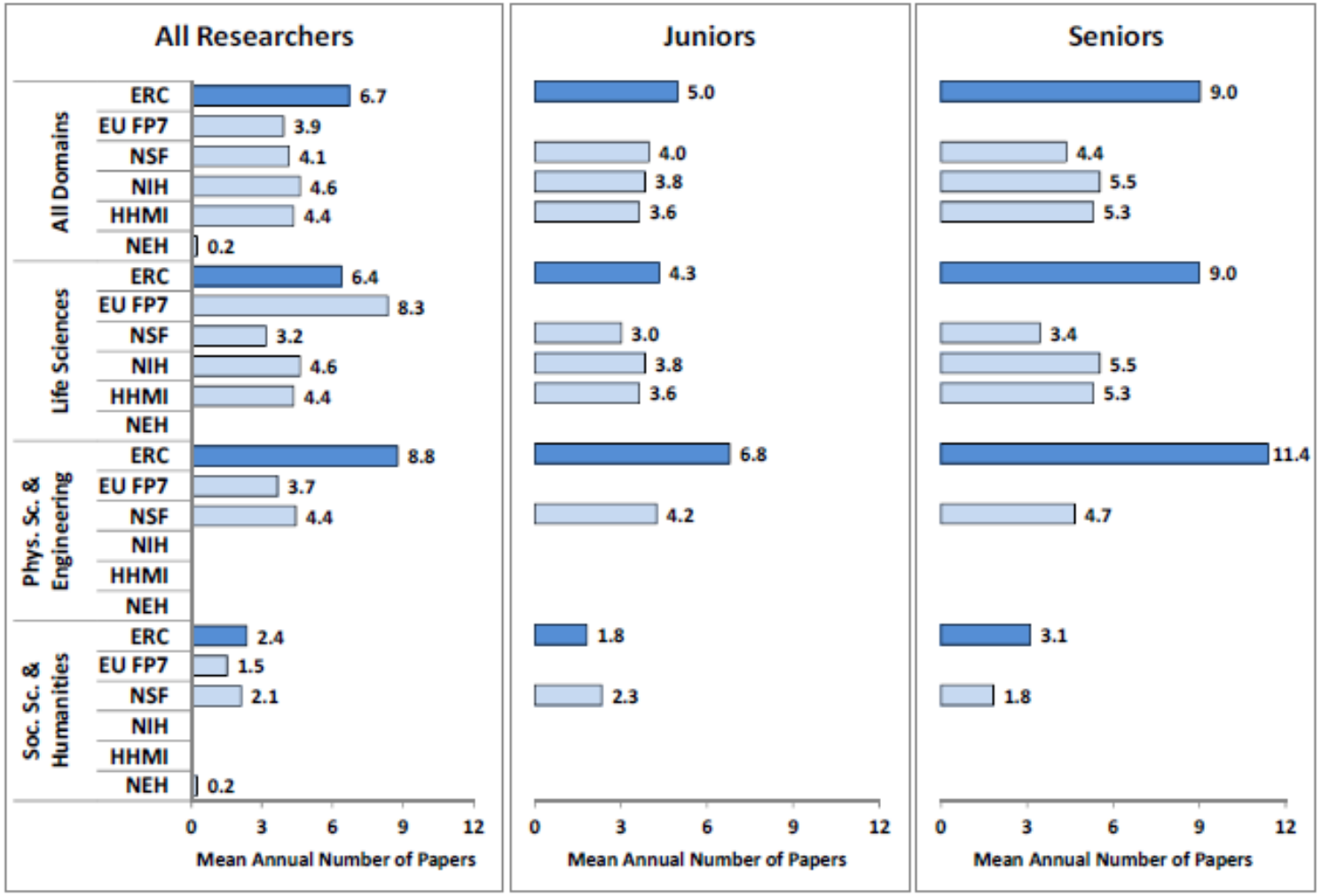
Figure 3-43. Mean Annual Number of Citations of Google Scholar Papers authored by ERC Applicant Prior to Competition Year, by Funding Status



Compared to others ERCs publish a lot!

2,556 ERC non-funded applicants;
1,000 EU FP7 collaborative projects/cooperation funded researchers;
1,000 US National Science Foundation (NSF) funded researchers;
400 US National Institutes of Health (NIH) funded researchers;
100 Howard Hughes Medical Institutes (HHMI) funded researchers;
237 US National Endowment for Humanities (NEH) funded researchers

Figure 3-33. Mean Annual Number of Papers per Funded Researcher After the Grant Start Year by Seniority, Domain and Agency



Other to EATR

- International presentations to peer-reviewed internationally established conferences
- Presentations at international advanced schools
- Prizes and awards (or in CV? – put them where you have space)
- Past reseach projects (at least the larger ones) – include the size (in €) and competition
- Patents and patent applications
- Other relevant outcomes (programs, courses, be creative here!)

Invited presentations

- Type of conference
- Type of presentation
- Where you **invited or selected**
- Opponent? Chair?
- If the presentation has a link to your project network and project – mention it.
- If you have a scarce list and some space left -> add important national ones
- You can also write something like: ”A **yearly attendance** to a national event Y since 2012 and a chair for a workshop X since 2017”

The main messages

Tell a story

Make it nice to read

Be creative

Be positive

Be exited

Be proud

Feedback of the candidates

Some examples

Reminder: What do they expect

2. Principal Investigator

Intellectual capacity, creativity and commitment

Intellectual capacity and creativity

To what extent has the PI demonstrated the ability to propose and conduct ground-breaking research?

To what extent does the PI provide evidence of creative independent thinking?

To what extent have the achievements of the PI typically gone beyond the state of the art?

Commitment

To what extent does the PI demonstrate the level of commitment to the project necessary for its execution and the willingness to devote a significant amount of time to the project (min 50% of the total working time on it and min 50% in an EU Member State or Associated Country) (based on the full Scientific Proposal)? ***Only step2***