

# Hector Research Career Development Award 2021

## Program Information for Applicants



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Founded in 2013, the [Hector Fellow Academy \(HFA\)](#) is a young academy of sciences in the fields of natural and engineering sciences as well as medicine and psychology. It offers a platform for networking, interdisciplinary exchange and mutual inspiration to the laureates of the Hector Science Award. In addition, the Academy supports promising young researchers.

The Hector Fellow Academy strengthens research in Germany and contributes to solving global challenges by raising awareness of socio-political issues, regularly hosting events like symposia, workshops, and conferences. Furthermore, it creates synergies to promote cutting-edge research and innovative projects.

By awarding the Hector Research Career Development Award, the Hector Fellow Academy (HFA) enables W1 assistant professors -with or without Tenure Track- and junior research group leaders at German research institutions to further strengthen their independent research and to include them as temporary members in the HFA.

**The HFA pursues the following objectives** with the Award:

Active promotion of researchers on their way to a professorship

Expansion of the scientific life in the HFA

Increasing the number of female scientists in the HFA – at least 50% of the Awardees of each year will be women

Building new opportunities for cooperation between Hector Fellows and the Awardees

## Scope of the funding

### Hector Research Career Development Award:

One-time 25,000 € flexible personal research funds

### Hector Fellow Academy doctoral researcher position for three years:

Funding of one doctoral position according to the DFG guidelines<sup>1</sup>

Material expenses up to 9.500 € per year

Participation in three units of the HECTOR School of Engineering and Management's [MBA Fundamentals Program](#)

Coverage of travel costs for networking events and HFA training program

### Opportunity to apply for HFA funding formats:

Funding for the organization of joint conferences/workshops, which are (co-) organized by at least two Hector Fellows or Hector RCD Awardees (up to 25.000 €)

Funding of a Speaker Award for young researchers at conferences that are (co-) organized by a Hector Fellow or Hector RCD Awardee (up to 1.500 €)

Funding for the recruitment of renowned key note speakers for conferences that are (co-) organized by a Hector Fellow or Hector RCD Awardee (up to 5.000 €)

Five years membership in the Hector Fellow Academy

Access to HFA alumni network

## Application requirements

**W1 assistant professors** (with or without Tenure Track) or **own junior research group leaders** (e.g. funded by the Emmy-Noether Programme (DFG), an ERC Starting Grant (EU), a Federal Ministry of Education and Research (BMBF) junior research group, a Helmholtz-Nachwuchsgruppe (HGF), a Max-Planck Research Group (MPG) a Sofja Kovalevskaja Award (AvH), a university junior research group *via* the DFG-Excellence Strategy or equivalents thereof) in the natural or engineering sciences, medicine or psychology.

The list is not exhaustive; please contact us for other awards.

**Doctorate or PhD-equivalent:** completed less than seven years prior to the application deadline (October 30, 2021) with exceptional results. Exemptions may apply (p. 4; template available from the application portal).

**Employment at a German research institution:** non-permanent position at a German university, Fraunhofer-Institute, Helmholtz-Center, Leibniz-Institute or Max-Planck-Institute for the duration of the supervision of the HFA doctoral thesis project.

**Formal or content-related right to supervise a doctorate:** the W1 assistant professor (with or without Tenure Track) or the junior research group leader needs to be enabled by

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<sup>1</sup> Personnel funding DFG (according to TV-L 13): [https://www.dfg.de/formulare/60\\_12/60\\_12\\_de.pdf](https://www.dfg.de/formulare/60_12/60_12_de.pdf). FTE based on subject area: <https://www.hector-fellow-academy.de/en/phd-students/conditions.html>

their institution to serve as the primary advisor of a doctoral researcher on the content level. Preferably, he/she will be the first advisor.

**Support by head of institute:** letter of support by head of institute guaranteeing access to the infrastructure required for the proposed project (e.g., lab space, office space for doctoral researcher). Please have the head of your institute fill in the template (available as a download from the application portal).

## Application documents

Please send them until October 30, 2021 via our application portal: <https://hector-rcd-award.applicationportal.org>. Applications received after the deadline will not be considered. Documents can be in German or English.<sup>2</sup>

- **Motivation letter** (1 page)
- **Application form**
- **Project proposal for a doctoral thesis** that shall be pursued by a doctoral researcher in the 3 years of funding by the HFA (max. 3 pages; excl. references). The doctoral project must not have started yet.
- **Timeline and work schedule for the proposed project for the doctoral thesis** (1 page)
- **CV** (max. 5 pages, including teaching experience, experience in supervision of students and doctoral researchers, acquired third party funding in k€)
- **List of key publications** (max. 10)
- **Doctoral certificate not older than 7 years** (translated into English or German)
- **Documentation if exemption from the 7 years post-doctorate regulation is applied for** (e.g., birth certificates of children, proof of parental leave)
- **Documentation of any family obligations** (e.g. birth certificate, proof of parental leave) **even without an application for an exemption**
- **Letter of support by the head of institute**

## Selection procedure

1. **Pre-screening of applications by the HFA Office:** formal screening; early applications are strongly encouraged.
2. **Screening and selection by Hector Fellow:** between November/December; afterwards recommendation if the candidate is invited to the final personal presentation. The decision will be made based upon the application documents.
3. **Final presentation:** personal presentation in front of a multidisciplinary panel of Hector Fellows at the end of January; final decision – at least 50% of the Awardees of each year shall be women.
4. **Award ceremony:** in July 2022 during HFA Symposium in Karlsruhe

**Selection criteria:** scientific excellence; innovation & feasibility of the proposed project for a doctoral thesis; connectivity to Hector Fellows and the aims of the Hector Fellow Academy

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<sup>2</sup> HFA Privacy guidelines: <https://www.hector-fellow-academy.de/links/datenschutz.html>

## Exemptions 7-year deadline <sup>3</sup>

1. Clinical training: extension by the documented amount of clinical training received by the applicant after the award of the first eligible degree, up to a maximum of 4 years.
2. 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 by the documented amount of actual leave taken until the call deadline.
3. Paternity leave: extension by the documented time of leave taken until the call deadline for each child born before or after the PhD award.
4. Long-term illness or national service: extension by the documented amount of leave taken after the PhD award.

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<sup>3</sup> Criteria adapted from: [https://ec.europa.eu/research/participants/data/ref/h2020/w p/2018-2020/erc/h2020-w p20-erc\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/w p/2018-2020/erc/h2020-w p20-erc_en.pdf) p.17.

## Degree in medicine following the ERC guidelines

“[...] A first degree in medicine alone will not be accepted by itself as equivalent to a PhD/doctoral degree. To be considered eligible, applicants holding a degree in medicine need to provide the certificates of both the medical degree and a PhD or proof of an appointment that requires doctoral equivalency in life science research (e.g., post-doctoral fellowship, professorship appointment). Additionally, candidates must also provide information on their research experience (including peer reviewed publications) in order to further substantiate the equivalence of their overall training to a PhD.

In these cases, the certified date of the medical degree completion plus two years is the reference date of the actual PhD/doctoral degree, that will be applied for the calculation of the eligibility.

For applicants holding both a degree in medicine and a PhD, the date used for the calculation of the eligibility period (i.e. medical degree plus two years or PhD award date) is the date of the earliest degree that makes the applicant eligible. [...]”<sup>4</sup>

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<sup>4</sup> Based on:  
[https://erc.europa.eu/sites/default/files/document/file/ERC\\_policy\\_on\\_PhD\\_and\\_equivalent\\_doctoral\\_degrees\\_2016.pdf](https://erc.europa.eu/sites/default/files/document/file/ERC_policy_on_PhD_and_equivalent_doctoral_degrees_2016.pdf)