

## Assessing the impact of COVID-19 on young researchers

Thank you for taking part in this survey for early-career researchers organised by the Young Academy of Europe (YAE). This research is taking place in the context of the European project 'CALIPER' Linking research and innovation for gender equality.

Our aim is to better understand the impact of the COVID-19 pandemic on research and careers of young researchers. The survey should take no longer than 15 minutes to complete and your answers will remain completely anonymous and will be analysed in aggregate. You can find full privacy policy [here](#).

As soon as they are ready, the results of this survey will be available on our websites, and may also be published, in a similar manner to the YAE's paper in Nature Careers ([link](#)).

### Working conditions

For the questions regarding the period during the pandemic, consider the most severe restrictions, if this varies significantly.

**1. Considering the time from before the COVID-19 pandemic, please estimate the number of hours you typically spend per day on the following activities. Make sure the hours add up to a total of 24 hours.**

\*(a) Research

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\*(b) Teaching and mentoring activities

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\*(c) Other work-related activities (administration, preparation, etc)

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\*(d) Commuting to&from work

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\*(e) Commuting to&from school/daycare

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\*(f) Household activities (cleaning, cooking, shopping, etc)

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\*(g) Childcare/Family time

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\*(h) Time for yourself (hobbies, relax, time with friends, etc)

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\*(i) Sleep

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**2. Considering the time during the COVID-19 pandemic, please estimate the number of hours you typically spend on the following activities per day. Make sure the hours add up to a total of 24 hours.**

**\*(a) Research**

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**\*(b) Teaching and mentoring activities**

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**\*(c) Other work-related activities (administration, preparation, etc)**

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**\*(d) Commuting to&from work**

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**\*(e) Commuting to&from school/daycare**

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**\*(f) Household activities (cleaning, cooking, shopping, etc)**

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**\*(g) Childcare/Family time**

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**\*(h) Time for yourself (hobbies, relax, time with friends, etc)**

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**\*(i) Sleep**

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**\* 3. How many hours are you contracted for per week?**

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**\* 4. How many hours do you work from home in a typical work week?**

Pre-Covid:                   : \_\_\_\_\_

During COVID:           : \_\_\_\_\_

**\* 5. Is your work space at home good enough for you to work in?**

**More than 1 selection possible**

- ☐ Yes
- ☐ No, physically inadequate (e.g. too small)
- ☐ No, too many distractions
- ☐ No, not enough resources (unreliable wifi, no library access, no phone)
- ☐ Other (Please specify) \_\_\_\_\_

**\* 6. How many hours do your children, if any, spend in school/daycare on an average working week?**

Pre-Covid: : \_\_\_\_\_

During COVID: : \_\_\_\_\_

**\* 7. Has there been any change in your employment contract due to COVID-19? (Select one option)**

- ☐ No, no change
- ☐ Yes, specifically \_\_\_\_\_

**\* 8. Has access to your workplace (e.g. office and/or labs) been restricted due to the pandemic? (Select one option)**

- ☐ No, I could access everything normally
- ☐ Yes, I had limited access to my workplace (50-99%)
- ☐ Yes, I had very limited or no access to my workplace (50% or less)
- ☐ Yes, I could not go to work as I had to take care of children/elderly

**\* 9. Has the COVID-19 situation affected your research progress? (Select one option)**

- ☐ Yes
- ☐ No

**\* 10. Do you think the pandemic has delayed your research or publication progress? If so, how much: (Select one option)**

- ☐ No effect
- ☐ Minimal effect
- ☐ Significant
- ☐ Affected career progress (e.g. promotion)
- ☐ It has had a positive effect

**\* 11. In comparison to the time from before the pandemic, how much stress have you experienced with connection to your research? (Select one option)**

- ☐ Not stressed at all
- ☐ A little bit stressed
- ☐ Moderately stressed
- ☐ Very stressed
- ☐ Stressed to the point of a burn out

**\* 12. Has your motivation towards your work changed due to the pandemic? (Select one option)**

- ☐ Generally more motivated
- ☐ Generally less motivated
- ☐ Generally less able to focus (e.g. not enough space, no good internet etc)
- ☐ The pandemic triggered me to re-think my career significantly
- ☐ Not at all

**\* 13. Have you considered leaving academia due to the difficulties you faced during the pandemic? (Select one option)**

- ☐ No
- ☐ I am more open to non-academic careers
- ☐ Yes

**\* 14. Are you aware of any policy interventions in your country to help young scientists deal with the COVID-19 induced problems (e.g. completion of research plan)?  
More than 1 selection possible**

- ☐ none
- ☐ budget-neutral grant extensions
- ☐ deadline delays
- ☐ grant eligibility expansion
- ☐ Other (Please specify) \_\_\_\_\_

**\* 15. Do you think decision makers and grant funding agencies (i.e. government, universities) should support young researchers in dealing with the research delays induced by COVID-19?**

- ☐ No
- ☐ Yes, governments or universities should provide the funds
- ☐ Yes, grants should be extended
- ☐ Yes, the corona period should be taken into account in the evaluation of research progression
- ☐ Yes, online teaching, working from home and caring for children should be recognized
- ☐ Yes, specifically \_\_\_\_\_

#### Personal background

**\* 16. Gender (Select one option)**

- ☐ Female
- ☐ Male
- ☐ Prefer not to disclose
- ☐ Other

**\* 17. Age (Select one option)**

- ☐ <25
- ☐ 25-30
- ☐ 31-35
- ☐ 36-40
- ☐ 41-45
- ☐ 46-50
- ☐ over 50

**\* 18. Family status**

- ☐ Single (incl. divorced or widowed, such that you are the only adult in your household)
- ☐ With a live-in partner/spouse
- ☐ Caring for elderly person
- ☐ Other (Please specify) \_\_\_\_\_

**\* 19. Number of children (under 18) who live with you: (Select one option)**

- ☐ 0
- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5
- ☐ 6
- ☐ 7
- ☐ 8
- ☐ 9

**20. Ages of these children (in years)**

(a) Child 1

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(b) Child 2

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(c) Child 3

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(d) Child 4

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(e) Child 5

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(f) Child 6

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(g) Child 7

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(h) Child 8

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(i) Child 9

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**\* 21. Country where your work institution is based (Select one option)**

- ☐ Afghanistan
- ☐ Albania
- ☐ Algeria
- ☐ Andorra
- ☐ Angola
- ☐ Anguilla
- ☐ Antigua and Barbuda
- ☐ Argentina
- ☐ Armenia
- ☐ Aruba
- ☐ Australia
- ☐ Austria
- ☐ Azerbaijan
- ☐ Bahamas
- ☐ Bahrain
- ☐ Bangladesh
- ☐ Barbados
- ☐ Belarus
- ☐ Belgium
- ☐ Belize
- ☐ Benin
- ☐ Bermuda
- ☐ Bhutan
- ☐ Bolivia
- ☐ Bosnia and Herzegovina
- ☐ Botswana
- ☐ Brazil
- ☐ British Virgin Islands
- ☐ Brunei
- ☐ Bulgaria
- ☐ Burkina Faso
- ☐ Burma
- ☐ Burundi
- ☐ Cambodia
- ☐ Cameroon
- ☐ Canada
- ☐ Cape Verde
- ☐ Cayman Islands
- ☐ Central African Republic
- ☐ Chad
- ☐ Chile
- ☐ China
- ☐ Christmas Island
- ☐ Clipperton Island
- ☐ Cocos Keeling Island
- ☐ Colombia
- ☐ Comoros
- ☐ Congo, Democratic Republic of
- ☐ Congo, Republic of
- ☐ Cook Island
- ☐ Costa Rica

- ☐ Cote d'Ivoire
- ☐ Croatia
- ☐ Cuba
- ☐ Cyprus
- ☐ Czech Republic
- ☐ Denmark
- ☐ Djibouti
- ☐ Dominica
- ☐ Dominican Republic
- ☐ Ecuador
- ☐ Egypt
- ☐ El Salvador
- ☐ Equatorial Guinea
- ☐ Eritrea
- ☐ Estonia
- ☐ Ethiopia
- ☐ Falkland Islands
- ☐ Fiji
- ☐ Finland
- ☐ France
- ☐ French Guiana
- ☐ French Polynesia
- ☐ Gabon
- ☐ Georgia
- ☐ Germany
- ☐ Ghana
- ☐ Greece
- ☐ Greenland
- ☐ Grenada
- ☐ Guadeloupe
- ☐ Guam/Saipan
- ☐ Guatemala
- ☐ Guinea
- ☐ Guinea-Bissau
- ☐ Guyana
- ☐ Haiti
- ☐ Honduras
- ☐ Hong Kong
- ☐ Hungary
- ☐ Iceland
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Iraq
- ☐ Ireland
- ☐ Israel
- ☐ Italy
- ☐ Jamaica
- ☐ Japan
- ☐ Jordan
- ☐ Kazakhstan
- ☐ Kenya
- ☐ Kiribati
- ☐ Kuwait



- ☐ Kyrgyzstan
- ☐ Laos
- ☐ Latvia
- ☐ Lebanon
- ☐ Lesotho
- ☐ Liberia
- ☐ Libya
- ☐ Liechtenstein
- ☐ Lithuania
- ☐ Luxembourg
- ☐ Macedonia
- ☐ Madagascar
- ☐ Malawi
- ☐ Malaysia
- ☐ Maldives
- ☐ Mali
- ☐ Malta
- ☐ Martinique
- ☐ Mauritania
- ☐ Mauritius
- ☐ Mexico
- ☐ Moldova
- ☐ Monaco
- ☐ Mongolia
- ☐ Montenegro
- ☐ Montserrat
- ☐ Morocco
- ☐ Mozambique
- ☐ Namibia
- ☐ Nauru
- ☐ Navassa Island
- ☐ Nepal
- ☐ Netherlands
- ☐ Netherlands Antilles
- ☐ New Caledonia
- ☐ New Zealand
- ☐ Nicaragua
- ☐ Niger
- ☐ Nigeria
- ☐ Niue
- ☐ North Korea
- ☐ Norway
- ☐ Oman
- ☐ Pakistan
- ☐ Panama
- ☐ Papua New Guinea
- ☐ Paraguay
- ☐ Peru
- ☐ Philippines
- ☐ Pitcairn Island
- ☐ Poland
- ☐ Portugal
- ☐ Puerto Rico

- ☐ Qatar
- ☐ Romania
- ☐ Russia
- ☐ Rwanda
- ☐ Saint Barthelemy
- ☐ Saint Kitts and Nevis
- ☐ Saint Lucia
- ☐ Saint Martin
- ☐ Saint Pierre and Miquelon
- ☐ Saint Vincent and the Grenadines
- ☐ Samoa
- ☐ San Marino
- ☐ Sao Tome and Principe
- ☐ Saudi Arabia
- ☐ Senegal
- ☐ Serbia
- ☐ Seychelles
- ☐ Sierra Leone
- ☐ Singapore
- ☐ Slovakia
- ☐ Slovenia
- ☐ Solomon Island
- ☐ Somalia
- ☐ South Africa
- ☐ South Korea
- ☐ South Sudan
- ☐ Spain
- ☐ Sri Lanka
- ☐ Sudan
- ☐ Suriname
- ☐ Swaziland
- ☐ Sweden
- ☐ Switzerland
- ☐ Syria
- ☐ Taiwan
- ☐ Tajikistan
- ☐ Tanzania
- ☐ Thailand
- ☐ The Gambia
- ☐ Togo
- ☐ Tokelau
- ☐ Tonga
- ☐ Trinidad and Tobago
- ☐ Tunisia
- ☐ Turkey
- ☐ Turkmenistan
- ☐ Turks and Caicos Islands
- ☐ Tuvalu
- ☐ Uganda
- ☐ Ukraine
- ☐ United Arab Emirates
- ☐ United Kingdom
- ☐ United States
- ☐ United States Virgin Islands

- ☐ Uruguay
- ☐ Uzbekistan
- ☐ Vanuatu
- ☐ Vatican City
- ☐ Venezuela
- ☐ Vietnam
- ☐ Wallis Futuna
- ☐ Yemen
- ☐ Zambia
- ☐ Zimbabwe

**\* 22. Which of the following job titles best applies to you?**  
**Please select all that apply**

- ☐ Postdoc
- ☐ Assistant Professor (or equivalent)
- ☐ Associate Professor (or equivalent)
- ☐ Full Professor (or equivalent)
- ☐ Clinician
- ☐ Institute or Department Director/Head
- ☐ Research Director/VP of Research
- ☐ Research Scientist
- ☐ Assistant Lecturer
- ☐ Other (Please specify) \_\_\_\_\_

**\* 23. Are you a member of any of the following organizations**  
**Please select all that apply**

- ☐ Young Academy of Europe
- ☐ European National Young Academy
- ☐ EuroDoc
- ☐ Global Young Academy
- ☐ Marie Curie Alumni Association
- ☐ Academia Europea
- ☐ None
- ☐ Other (Please specify) \_\_\_\_\_

**\* 24. Which of the following best describes the field you work in? (Select one option)**

- ☐ Life Sciences
- ☐ Physical Sciences
- ☐ Social Sciences & Humanities
- ☐ I work across multiple disciplines
- ☐ Other (Please specify) \_\_\_\_\_

**\* 25. Research activity**  
**More than 1 selection possible**

- ☐ Purely theoretical
- ☐ Lab-based
- ☐ Intensive human contact (e.g. work with patients, or field studies)
- ☐ Field work (e.g. geology, anthropology, ecology, archeology)
- ☐ Other (Please specify) \_\_\_\_\_

**\* 26. Years since obtaining the PhD degree (Select one option)**

- ☐ 0-5
- ☐ 5-10
- ☐ 10-15
- ☐ 15-20
- ☐ >20

**\* 27. Number of current grants where you have a senior role (Select one option)**

- ☐ 0
- ☐ 1
- ☐ 2
- ☐ 3
- ☐ >3

**28. Geographic location (Select one option)**

- ☐ Albania
- ☐ Algeria
- ☐ Andorra
- ☐ Angola
- ☐ Anguilla
- ☐ Antigua and Barbuda
- ☐ Argentina
- ☐ Armenia
- ☐ Aruba
- ☐ Australia
- ☐ Austria
- ☐ Azerbaijan
- ☐ Bahamas
- ☐ Bahrain
- ☐ Bangladesh
- ☐ Barbados
- ☐ Belarus
- ☐ Belgium
- ☐ Belize
- ☐ Benin
- ☐ Bermuda
- ☐ Bhutan
- ☐ Bolivia
- ☐ Bosnia and Herzegovina
- ☐ Botswana
- ☐ Brazil
- ☐ British Virgin Islands
- ☐ Brunei
- ☐ Bulgaria
- ☐ Burkina Faso
- ☐ Burma
- ☐ Burundi
- ☐ Cambodia
- ☐ Cameroon
- ☐ Canada
- ☐ Cape Verde
- ☐ Cayman Islands
- ☐ Central African Republic
- ☐ Chad
- ☐ Chile
- ☐ China
- ☐ Christmas Island
- ☐ Clipperton Island
- ☐ Cocos Keeling Island
- ☐ Colombia
- ☐ Comoros
- ☐ Congo, Democratic Republic of
- ☐ Congo, Republic of
- ☐ Cook Island
- ☐ Costa Rica
- ☐ Cote d'Ivoire

- ☐ Croatia
- ☐ Cuba
- ☐ Cyprus
- ☐ Czech Republic
- ☐ Denmark
- ☐ Djibouti
- ☐ Dominica
- ☐ Dominican Republic
- ☐ Ecuador
- ☐ Egypt
- ☐ El Salvador
- ☐ Equatorial Guinea
- ☐ Eritrea
- ☐ Estonia
- ☐ Ethiopia
- ☐ Falkland Islands
- ☐ Fiji
- ☐ Finland
- ☐ France
- ☐ French Guiana
- ☐ French Polynesia
- ☐ Gabon
- ☐ Georgia
- ☐ Germany
- ☐ Ghana
- ☐ Greece
- ☐ Greenland
- ☐ Grenada
- ☐ Guadeloupe
- ☐ Guam/Saipan
- ☐ Guatemala
- ☐ Guinea
- ☐ Guinea-Bissau
- ☐ Guyana
- ☐ Haiti
- ☐ Honduras
- ☐ Hong Kong
- ☐ Hungary
- ☐ Iceland
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Iraq
- ☐ Ireland
- ☐ Israel
- ☐ Italy
- ☐ Jamaica
- ☐ Japan
- ☐ Jordan
- ☐ Kazakhstan
- ☐ Kenya
- ☐ Kiribati
- ☐ Kuwait
- ☐ Kyrgyzstan

- ☐ Laos
- ☐ Latvia
- ☐ Lebanon
- ☐ Lesotho
- ☐ Liberia
- ☐ Libya
- ☐ Liechtenstein
- ☐ Lithuania
- ☐ Luxembourg
- ☐ Macedonia
- ☐ Madagascar
- ☐ Malawi
- ☐ Malaysia
- ☐ Maldives
- ☐ Mali
- ☐ Malta
- ☐ Martinique
- ☐ Mauritania
- ☐ Mauritius
- ☐ Mexico
- ☐ Moldova
- ☐ Monaco
- ☐ Mongolia
- ☐ Montenegro
- ☐ Montserrat
- ☐ Morocco
- ☐ Mozambique
- ☐ Namibia
- ☐ Nauru
- ☐ Navassa Island
- ☐ Nepal
- ☐ Netherlands
- ☐ Netherlands Antilles
- ☐ New Caledonia
- ☐ New Zealand
- ☐ Nicaragua
- ☐ Niger
- ☐ Nigeria
- ☐ Niue
- ☐ North Korea
- ☐ Norway
- ☐ Oman
- ☐ Pakistan
- ☐ Panama
- ☐ Papua New Guinea
- ☐ Paraguay
- ☐ Peru
- ☐ Philippines
- ☐ Pitcairn Island
- ☐ Poland
- ☐ Portugal
- ☐ Puerto Rico
- ☐ Qatar



- ☐ Romania
- ☐ Russia
- ☐ Rwanda
- ☐ Saint Barthelemy
- ☐ Saint Kitts and Nevis
- ☐ Saint Lucia
- ☐ Saint Martin
- ☐ Saint Pierre and Miquelon
- ☐ Saint Vincent and the Grenadines
- ☐ Samoa
- ☐ San Marino
- ☐ Sao Tome and Principe
- ☐ Saudi Arabia
- ☐ Senegal
- ☐ Serbia
- ☐ Seychelles
- ☐ Sierra Leone
- ☐ Singapore
- ☐ Slovakia
- ☐ Slovenia
- ☐ Solomon Island
- ☐ Somalia
- ☐ South Africa
- ☐ South Korea
- ☐ South Sudan
- ☐ Spain
- ☐ Sri Lanka
- ☐ Sudan
- ☐ Suriname
- ☐ Swaziland
- ☐ Sweden
- ☐ Switzerland
- ☐ Syria
- ☐ Taiwan
- ☐ Tajikistan
- ☐ Tanzania
- ☐ Thailand
- ☐ The Gambia
- ☐ Togo
- ☐ Tokelau
- ☐ Tonga
- ☐ Trinidad and Tobago
- ☐ Tunisia
- ☐ Turkey
- ☐ Turkmenistan
- ☐ Turks and Caicos Islands
- ☐ Tuvalu
- ☐ Uganda
- ☐ Ukraine
- ☐ United Arab Emirates
- ☐ United Kingdom
- ☐ United States
- ☐ United States Virgin Islands
- ☐ Uruguay

- ☐ Uzbekistan
- ☐ Vanuatu
- ☐ Vatican City
- ☐ Venezuela
- ☐ Vietnam
- ☐ Wallis Futuna
- ☐ Yemen
- ☐ Zambia
- ☐ Zimbabwe

# Assessing the impact of COVID-19 on young researchers

## Optional questions

If you do not wish to answer these questions, please select 'next' at the bottom of the page to continue

29. How has your monthly net income changed due to the pandemic? Please choose the monthly net income range (EUR)

	<500	500-1000	1000-2000	2000-3000	3000-4000	4000-5000	>5000
(a) Pre-COVID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(b) During COVID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. Have you experienced any kind of disadvantage or discrimination towards researchers with children/other dependant family during the pandemic? If yes, please specify:

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31. Have there been any positive effects on you or your work due to the pandemic?

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32. Have there been any other effects of the pandemic on your research or your career that you would like to share here?

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33. If you do have any further comments please leave them in the optional box below and then continue onto the next page to submit your answers.

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# **Assessing the impact of COVID-19 on young researchers**

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34. Please share your email address, only if you would like to be informed of the outcome of this survey. Your email address will not be used for identification or shared further, but will only be used to provide you with the results.

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\* 35. Please tick the box, if you agree with the following statements:

- I confirm that I am a responsible adult able to provide legal consent
- I understand that my participation is voluntary, and I may withdraw at any time, without the need to provide any justification for it
- I agree that my responses will be used as part of this study
- I am aware that the data treatment will ensure my anonymity and I will not be identifiable

☐ Certificate of Consent

**Thank you very much for your time.**

**Please select submit to complete the survey.**