**Ansökningsformulär (del 2): Research Science Institute 2020**

Fyll i dina svar i detta dokument, spara som pdf, döp till ”[ditt namn] del 2” och mejla till [stipendier@ungaforskare.org](mailto:stipendier@ungaforskare.org). Ansökningsdeadline är 6 januari kl 23:59. Glöm inte att inkludera de dokument som listas i slutet av ansökan. Ansökan skall göras på engelska.

This application is intended to offer each candidate the opportunity to demonstrate depth and strength of background in academics, extracurricular experiences, leadership, and service, as well as to highlight personal motivations, aspirations, and achievements which promise future leadership in science, technology, engineering, or mathematics. All fields marked with an \* are required. Other fields may be left blank if not applicable.

* **2.A. Applicant Research Preferences**

The applicant should indicate first and second choices for research fields: these should be TWO DISTINCT fields. For each of the two research field choices, select one sub-field within the chosen discipline. Examples might be the sub-field of Fusion Plasma Physics within the field of Physics; the sub-field of Active Galactic Nuclei within the field of Astronomy, or the sub-field of Number Theory within the field of Mathematics.

* 1. a) First Research Field\* *(no more than 300 words)*:

*The RSI selection committee will look favorably at applications where the declared fields and sub-fields of interest align with the applicant's previous academic coursework and extracurricular activities as highlighted below (in the remainder of Part II of this application).*

b) Motivation\* *(no more than 300 words):*

*Articulate why the research field chosen is intriguing and exiting to you. Also state what you perceive as the one or two most interesting questions or problems in this area. Explain why they interest you*.

* 1. a) Second Research Field\* *(no more than 300 words)*:

*This research field should be distinct from the research field chosen above*.

b) Motivation\* *(no more than 300 words):*

*Articulate why the research field chosen is intriguing and exiting to you. Also state what you perceive as the one or two most interesting questions or problems in this area. Explain why they interest you*.

* **2.B. Applicant STEM Research Project Experience**

CEE neither presumes nor requires previous scientific research projects to attend RSI, but if the applicant has undertaken research, the RSI selection committee will be interested in hearing about his or her most significant previous experience, whether undertaken in an academic, corporate, non-profit, or governmental setting.

Major research accomplishments can also be mentioned below in the Awards and Accomplishments section, and can be discussed in more depth in the Personal Statements.

* 1. Previous Research Topic:

*Optionally, briefly (no more than one page) describe the topic of your most significant or most recent research project, if any. Otherwise leave blank. Do not include standard classroom laboratory exercises.*

* 1. Comments (optional):

*Optionally, the applicant may add brief (no more than half a page) comments or clarifying notes here.*

* **2.C. Applicant Awards and Accomplishments**

The applicant should concisely list awards, achievements, activities, and accomplishments in academics, research, and extracurricular activities. Please include approximate dates, but prioritize by importance rather than sort chronologically, so that any national or international awards are showcased.

Do not send Swedish Federation of Young Scientists or CEE a supplemental resume or curriculum vitae. Further details of activities of particular significance to the applicant may be explored in the Personal Statements below.

* 1. Please list (concisely) major awards, activities, and accomplishments in science, technology, engineering, or mathematics:

*Give some measure of the extent of participation and accomplishments, and awards or recognition received, in STEM-related areas, including for example: olympiads, academic bowls, math competitions, science fairs, talent searches, robotics competitions, hackathons, academic or scholarship competitions or prizes, STEM clubs, research internships, science or math camps, scientific publications or conferences, etc.*

* 1. What other extracurricular activities and/or hobbies demonstrate your interest in and ability to undertake scientific, technical, engineering, or mathematical research? *(answer may not exceed one page)*

*These do not, in other words, have to be documented through for instance awards or diplomas, but are rather included in order to get a clearer picture of the applicant’s STEM-related skills and experience.*

* 1. Please list (concisely) the applicant's most important non-STEM awards, activities, and accomplishments:

*Give some measure of the extent of participation and accomplishments, and awards or recognition received, in other areas, including for example: performing, visual, or literary arts; athletics; outside hobbies; clubs; journalism or blogging; student government or leadership; education, public service, philanthropy; or entrepreneurship.*

* 1. Describe your involvement and participation in other extracurricular or community activities that do not directly relate to science, technology, engineering, or mathematics, but which are compelling or meaningful to you. *(answer may not exceed one page)*
* **2.D. Applicant Computer, Modelling and Data Analysis Skills**

Briefly describe any past or ongoing experience with computer programming, mathematical or computational modeling, and/or data analysis, addressing both questions posed and methods and tools employed (answer may not exceed one page)\*

* **2.E. Applicant Personal Statement**

In the following section, please elaborate on your personal traits and characteristics as well as your long-term goals. Furthermore: How did you hear about RSI? What aspects most appeal to you, and why are you applying?\* *(answer may not exceed two pages)*

*Should an applicant be accepted, CEE does not promise specific research projects, however the information provided will offer valuable insight as to how you think about science and mathematics, as well as what sorts of challenges you might enjoy. The personal statement will therefore be helpful when assigning you a suitable research mentor.*

* **2.F. Additional Documents**

The following documents should be included as part of this pdf (i.e. not be attached as separate files), and follow in the order specified below.

* 1. Applicant grades and certificates\*.
  2. Two letters of recommendation\*
  3. Contact information for two persons of reference\*
  4. Applicant standardized test scores (e.g. Högskoleprovet or language proficiency tests).
  5. Scientific publications *(no more than two)*.