

WILLIAM J. PERRY CENTER FOR HEMISPHERIC DEFENSE STUDIES

INSTRUCTIONS FOR THE ONLINE APPLICATION FORM

CYBER POLICY DEVELOPMENT (CYBER 2019)

Application Period: 04 February – 26 April, 2019

Online Phase: 05 – 30 August, 2019
Residential Phase: 16 – 27 September, 2019

WE WILL NOT ACCEPT APPLICATIONS DIRECTLY FROM ACTIVE DUTY MILITARY PERSONNEL WHO LIVE OUTSIDE OF WASHINGTON, DC.

THOSE INDIVIDUALS MUST CONTACT THE OFFICE OF MILITARY COOPERATION (MILGROUP) AT THE UNITED STATES EMBASSY IN THEIR COUNTRY TO APPLY.

Only civilians, non-military police, retired members of the military, and active duty personnel who live in the Washington, DC metropolitan area may use the online form to apply for the course. For specific information, please contact our registrar's office at chdsregistrar@ndu.edu



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In accordance with Department of Defense policy, citizens of countries with designated income levels established by the World Bank are not eligible for scholarships. At this time, this restriction applies to the following Western Hemisphere nations: Antigua and Barbuda, Argentina, Bahamas, Barbados, Canada, Chile, Panama, St. Kitts and Nevis, Trinidad and Tobago, and Uruguay. Citizens of these countries may still apply to courses, but in a self-funded status. Should this situation change, we will update our web site and notify our alumni networks. Self-funded candidates must meet all eligibility standards and comply with all application requirements, including application deadlines, as well as being able to cover the expenses of their own travel, lodging, meals, and incidentals.

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Please follow all of the instructions on these pages, as well as those located online on our web page at <http://williamjperrycenter.org/academics>, which contains additional information not found on this here, including the Academic Integrity and Non-Attribution statement, which you agree to abide by if selected for the course.

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Once you begin filling out the online application form, you will have to submit it in the same session. You will not be able to save your progress and return to it later.

The application process includes answering some essay questions, located on the online form. The questions specific to this course are listed in section 6. Before loading the application form, you might wish to review the essay questions beforehand and write your responses separately. The online application form will let you copy and paste text into the appropriate text boxes.

The application form is located at the following URL:

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<https://www.dscarc.org/default?regcenterid=11&eventid=54366&reltype=12479>

Please keep in mind that the Perry Center shares this application system with other regional centers; therefore the form is initially presented to you in English. In the upper left-hand side of the page, there is a drop-down menu for automatic translation into various languages. This is designed to help you better understand the application form, but please keep in mind that machine translation is not perfect.

After you complete the online application form and have received your confirmation number, please send the following documents to chdsregistrar@ndu.edu within five business days after having completed the application:

- Curriculum Vitae / résumé (4 page max)
- Two letters of recommendation, one of which must come from your supervisor. If you do not have a supervisor because you work independently, that letter may come from a third party.

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When you send your documents via e-mail, the subject line must contain your last name, country, and the confirmation code provided to you by the system. Example: SMITH, JAMAICA, QPLFHNJ1234.

Acceptable file formats for your attachments are: DOC, DOCX, PDF, JPG, GIF, BMP, TIFF, and TXT. Please ensure that the combined total file size of your attachments does not exceed 8 MB. We will not grant deadline extensions due to messages being rejected by our e-mail server.

Applications will not be considered complete until the Perry Center receives all of the required documents (application form, CV, letters of recommendation).

Upon submitting an application, you certify that you:

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- Have read the general course description, candidate profile, and the application instructions on this document and web site.
- Understand that this includes an online phase of approximately four weeks before the residential phase begins in Washington, DC. You will actively participate in all of the online sessions and promptly complete assigned homework. Successful completion of the online phase is required to attend the residential portion of this course.
- Understand these instructions and agree to abide by the National Defense University's Academic Integrity Policy.
- Understand that all courses are subject to availability of funds.
- Meet the language requirements for this course, and (if selected to participate or placed on the waiting list) will go to the US Embassy in your country to take an English reading comprehension exam.
- All information you have provided is accurate.

All applicants will receive notification via e-mail approximately ten weeks before the start of the residential phase if they have 1) been selected, 2) have been placed on the waiting list, or 3) have not been selected.

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ESSAY QUESTIONS

1. Please describe (with specifics) your current job duties and work activities in relation to themes of security and/or defense. (200 word max)
 2. Please describe your organization's mission (at the policy/strategy level) in relation to themes of security and/or defense. (200 word max)
 3. Please describe how this course will help you personally (now or in the future), or your organization, to develop a policy (and/or strategy) for cybersecurity. (200 word max)
 4. Please read the article excerpt on the following page and give us your opinion on mega-data and its impact on personal privacy. (100 word max)
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**An Excerpt From:
“Framing the Big Data Ethics Debate for the Military”
*Joint Force Quarterly 77***

Karl F. Schneider, David S. Lyle, and Francis X. Murphy

Big data is everywhere these days. It shows up in many realms of contemporary life, ranging from how people are guided to potential purchases as they shop online, to how political campaigns win elections, and even to when farmers plant crops and apply fertilizer to their fields.

While there is no denying the value that comes from data integration and information availability made possible by modern computing power, there are many associated challenges that relate to the privacy of the individual, security of personal data, and reach of decisions influenced by big data. These concerns describe an emerging discipline known as the ethics of big data. This growing conversation is relevant for the military, given both the potential gains from big data collection and analysis as well as the simple fact that big data is here to stay.

In this article, we first define what is actually meant by the terms *big data* and *ethics of big data*, explore the challenges associated with big data, discuss some examples and implications for the military, and conclude with a framework for addressing many of these challenges.

The term *big data* or *mega-data* refers to a collection of data sets so large and complex that the data become difficult to process using on-hand database management tools or traditional data processing applications. Big data arises from follow-on analysis of existing large datasets and the capture of software logs and information-sensing mobile devices such as cameras and global positioning systems. E-commerce retailers such as Amazon can exploit data on past Internet browsing histories to deliver targeted, personalized advertising to specific customers. As new technologies emerge and become more affordable to collect, process, and store data, the volume of data collection grows exponentially; some 2.5 x 10¹⁸ exabytes of new data are created every day. In addition to the sheer volume of information in big data, these data collection efforts increase the breadth of information available to analysts while compressing the delay between data collection and its subsequent analysis

For further information, this article may be read and downloaded in its entirety from the National Defense University Press web site at <https://ndupress.ndu.edu/Media/News/Article/581865/framing-the-big-data-ethics-debate-for-the-military/>