

Dear Registered Members of JGRAD

### Request to Participate in 2016 JGRAD Survey

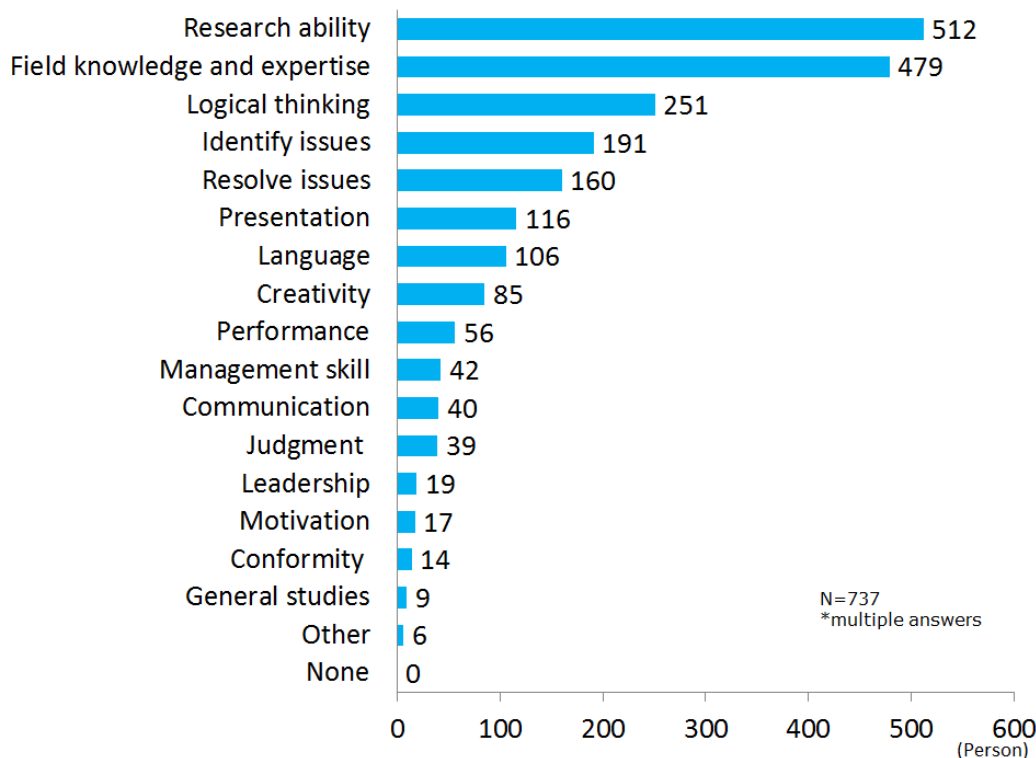
#### “Skills for Career Development of Doctoral Students”

We are conducting a survey about “Skills for Career Development of Doctoral Students” and would like to hear your opinion. The survey is designed based on our research in Japan and other research in EU about “Important skills for doctoral students”.

For example, we will show you two visual data as follows and ask for your opinion:

#### Information 1

According to the results of the trial survey participated by JGRAD registrars since November 2015, for a question about “ability/skills you wish to learn most during a doctoral program”, the top three answers were “Research ability”, “Field knowledge and expertise” and “Logical thinking” out of 16 abilities/skills (multiple choice; up to three) (Figure 1). They are all related to expertise in field.

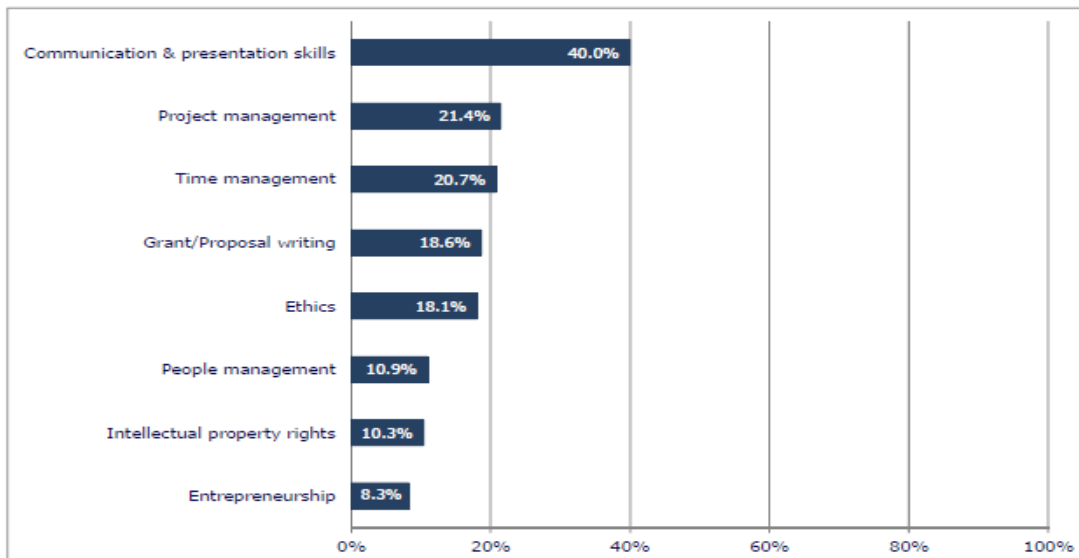


**Figure 1: Ability/skills you wish to learn during doctoral program (JGRAD registrars)**

Source: National Institute of Science and Technology Policy (NISTEP), "Current Affiliations of Doctoral Students and Postdocs, and Career Attitude Survey based on Doctoral Human Resources Database (JGRAD)", -250 (2016)

Structural Training is offered during doctoral programs in many EU countries. We asked what skills the students learned through the training. The following is the answers:

Figure 17: Modules of structured training during PhD (EU27)



Source: MORE2 Higher Education Survey (2012)

Note: Percentage of doctoral candidates and R2 (post-doctoral or equivalent) doctorate holders who have received structured training during their PhD in the respective skills. (n=2,250)

**Figures 3: Modules of structural training during PhD program  
(from a survey conducted on researchers located in 27 EU countries)**

Source: IEDA Consult, "Support for continued data collection and analysis concerning mobility patterns and career paths of researchers", Deliverable 8-Final report MORE2, Prepared for European Commission Research Directorate-general Directorate B-European Research Area

For more information, please refer to the link below:

Japanese questionnaire:

<http://www.nistep.go.jp/research/human-resources-in-science-and-technology/jgrad>

English questionnaire:

<http://www.nistep.go.jp/research/human-resources-in-science-and-technology/jgrad#a7>

- ◇ Date of submission: December 12, 2016 through February 15, 2017  
(We extended the deadline until the end of January)
- ◇ Date of distribution of the results: Spring 2017

The results summary will be also provided to all registered members of JGRAD.

If you would like to participate in the survey and learn more about the "Transferable Skills Training", please register with JGRAD.

We appreciate your participation and value your opinion.

1st Policy-Oriented Research Group

National Institute of Science and Technology Policy (NISTEP), MEXT