

# UBC Asia Census

**Prepared for the office of the  
Vice President Research and International  
Project Coordinator: Dr. Paul Evans**

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## **Part One**

### **1 Methodologies**

The UBC Asia Census project began in January 2010. The first stage census was targeted at UBC faculty members across all disciplines and aimed to identify their professional or academic interests and connections to Asia. This target group is from herein referred to as Category 1. The census focused on six Asian regions: China, India, Japan, Korea, Southeast Asia and Mongolia. The major objectives of the Asia Census were threefold: (1) to create a listing that would assist faculty and staff in identifying colleagues with common or parallel interests and connections; (2) aid the university in mapping its strategic priorities and identifying opportunities for collaboration and fund raising; and (3) help the Institute of Asian Research act as a communications hub, and director of events and activities that have campus-wide value.

The second stage census began in Fall of 2010. This stage was targeted at PhD students and Postdoctoral Fellows and aimed to identify their professional or academic interests and connections to Asia. This target group will from herein be referred to as Category 2. This second census focused on the same six Asian regions as the first.

Different methodologies were used to distribute survey invitations and to determine to whom to send them for Categories 1 and 2. The approaches are described below.

#### ***1.1 Category 1 - Faculty***

##### *Gathering Names*

The first task for the Category 1 census was to gather names of UBC faculty, both at Vancouver and Okanagan campuses, who had potential professional interests in and connections to the relevant Asian regions. This was achieved by systematically searching UBC's departmental websites for information indicating an interest in Asia. By looking at online faculty bios or webpages, it was possible to compose a preliminary list of people who might be doing work in Asia.

Other preliminary forms of name collection involved analyzing the mailing lists for the IAR research centres, such as the Centre for Chinese and South Asian Research, as well as targeting individuals who were likely to be aware of less obvious colleagues involved with Asia. The Asia Census Team (ACT) contacted these specific individuals in order to explain the census objectives and to ask for their suggestions. This was accomplished through email/telephone correspondence and by setting up face-to-face meetings. Some of the individuals contacted were department secretaries, but others were individual faculty members.

### *Survey Design*

The surveys were created using the Survey monkey website. Separate surveys were created for China, India and Mongolia, each with its own unique web address. A fourth web address combined Japan, Korea and Southeast Asia into a single survey.

### *Emailing the Survey Invitations*

Once the preliminary name list for each region was deemed as complete as possible, the relevant survey invitation was emailed to faculty members on the lists. Some individuals were on both lists and therefore received more than one email invitation.

Emailed reminders were sent out three times to non-respondents, with a two-week gap between each reminder. If a response was not received after the emailed reminders were complete, then the faculty member of interest was contacted by phone. Most of the time this involved leaving a voicemail message and sending one final reminder email. However, it should be noted that the response rate was not significantly increased using this method.

## ***1.2 Category 2 – Doctoral Student & Postdoctoral Fellow***

### *Gathering Names*

For the Category 2 (PhD/Postdoc) survey, it was decided that the Faculty of Graduate Studies (FOGS) would send the survey invitation to all PhD students/Postdoctoral Fellows at UBC. Thus, there was no name gathering done for Category 2.

### *Survey Design*

The Survey Monkey website was again used to create the survey. Instead of making a separate survey for each region, the ACT designed a single survey, located at one unique web address, which combined all the regions of interest.

### *Emailing the Survey Invitations*

In November 2010, the invitation to participate in the survey was emailed out on behalf of the IAR by the Faculty of Graduate Studies. It was sent to all PhD and Postdoctoral Fellows. No reminder was emailed. In order to increase the response rate, a prize (gift card for Amazon.ca) was offered to all respondents who fully completed the survey. A deadline of December 1, 2010 was set in order to qualify for the prize draw.

## ***1.3 Survey Design***

### ***1.3.1 Category 1:***

The online survey that was created for Category 1 of the Asia Census began by asking faculty to indicate their specific regions of interest (e.g., cities, provinces/states, etc.) in Asia.

The heart of the survey was focused on three areas deemed to be of particular importance to UBC faculty: (1) professional interests; (2) teaching/training activities; and (3) network connections. Thus, the ACT designed questions that not only allowed faculty members to rate the strength of their activities in these three areas, on a five-point scale from very weak to very strong, but also included open-ended questions aimed at accumulating specific details about professional interests, teaching/training activities and network connections.

The last section of the survey included the option to join a number of relevant mailing lists, and to give feedback to the IAR. Respondents were also invited to suggest names of other faculty members who might be interested in completing the Asia Census. Finally, respondents were asked to select, from a list of Asian countries, any other regions of interest.

### ***1.3.2 Category 2:***

The online survey created for Category 2 of the Asia Census began by asking PhD/Postdoctoral students to choose their region of interest in Asia. Because the survey incorporated all regions of interest (China, India, Japan, Korea, Southeast Asia and Mongolia) into a single online survey, skip logic was used to streamline the format and organize the data.

The heart of the survey was focused on two areas deemed to be of particular importance to PhDs and Postdocs: (1) professional interests; and (2) network connections. Thus, respondents could rate the strength of their activities in these two areas, on a five-point scale from very weak to very strong. There was also space for open-ended responses for more detail about these activities.

The last section of the survey included the option to join a number of relevant mailing lists, and to give feedback to the IAR. Finally, respondents were asked to tell us whether they had connections to any other Asian regions that had not been captured by the survey.

## 2 Commentary

For the detailed results of Categories 1 and 2 of the 2010 Asia Census, please see Parts 2 & 3 and Appendix 1.

In terms of overall responses, the final tallies for Categories 1 and 2 were not too different. Category 1 had 314 responses, and Category 2 had 344.

### 2.1 Hotspots

The results of the Asia Census demonstrate that the standard departments (Asian Studies, History, the IAR and so on) continue to have strong connections to Asia (see the pie chart breakdown earlier in this report). However, the results also demonstrate that there are some other faculties with significant and growing connections to Asia.

Among Category 1 respondents, here is a breakdown of the results from the top non-Arts faculties:

Faculty	Number of Responses
Science (all different departments: math, zoology, statistics, etc.)	33
Education (all different research divisions: LLED, HKIN, etc.)	30
Engineering (all kinds: mining, civil, electrical, etc.)	21
Medicine	22
Business (Sauder or Okanagan)	17
Nursing	7
Forestry	9

Among Category 2 PhD students and Postdoctoral Fellows, here is a breakdown of the results from the top non-Arts faculties

Faculty	Number of Responses
Science (all different departments: math, zoology, statistics, etc.)	64
Medicine	46
Engineering (all kinds: mining, civil, electrical, etc.)	27
Education (all different research divisions: LLED, HKIN, etc.)	18
Forestry	8
Pharmaceutical Sciences	6
Interdisciplinary Studies – Neuroscience	6

For a more detailed breakdown of faculties/departments, please see Appendix 1, Tables 1 and 2.

Based on the survey results, certain departments have particularly strong links to Asia. The departments of Education, Electrical and Computer Engineering, Math, Chemistry, and the Sauder School of Business appear to have such connections. As such, these departments have been identified as potential hotspots of Asia-related activity.

## ***2.2 Recommendations and Lessons Learned***

- The best way to distribute survey invitations, or connect with graduate students as a whole, is to use the Faculty of Graduate Studies email list-servs. Because most graduate students are not listed in easily searchable ways it is most efficient to send survey invitations electronically to all members of the target group (e.g., PhD students) at once.
- It is possible that the above method might also provide a better sample for Faculty surveys as well. For this survey, we searched UBC faculty web pages in order to decide who should receive an invitation, but this approach has the potential to miss less obvious respondents. Sending out an invitation to all faculty, while potentially annoying, could result in a better variety of responses.
- Combining multiple regions into a single, skip-logic survey with only one website address was much more effective, both in getting responses and in collating the results.
- Reminders are an effective way to boost the number of responses. Category 1 had two follow-up emails to remind people to reply. Category 2 had no reminders. However, Category 2 offered a prize to people who fully completed the survey, which may have helped encourage replies.
- The 2010 Asia Census survey design was not very effective at capturing people whose work centers on Asian-Canadian or Asian-American studies.
- The Asia Census only surveyed six regions (China, India, Japan, Korea, Mongolia, and Southeast Asia). Some respondents, particularly those from Iran, considered this coverage to be inadequate. Such respondents felt that the definition of Asia implied by the choice of the six regions was incorrect. Among the regions some respondents said should have been included were: Russia, Iran, Pakistan, and Bangladesh.

- Including a question about respondent nationality and/or student status (domestic or international) may have been helpful in parsing the results.
- In the survey, Southeast Asian countries were lumped under the title “Southeast Asia.” Most respondents seemed to understand this, but a small number did not. Thus, future surveys might benefit from dividing up the major Southeast Asian countries.
- Some respondents felt that “China” represented only Mainland China, not Hong Kong or Taiwan. Such respondents noted that they would like to see separate sections for all three regions. For future surveys, a clearer definition of what is meant by “China” could avoid this.
- Overall Comment: In order to better capture the diversity of faculty involvement outside of Canada, it might be reasonable for UBC to consider creating an annual or biannual international survey. Such a survey could be more general than the Asia Census, with the aim of capturing a picture of involvement in all global regions (e.g., a mining engineer who works with both China and Africa, for example). The benefits of regularly conducting a single large-scale survey would include: (1) No need to send out multiple email invitations for each regional survey (i.e., less spam); (2) It would be possible to maintain a current database of international involvement; (3) It might help to better target ‘hotspots’ for more support and funding.

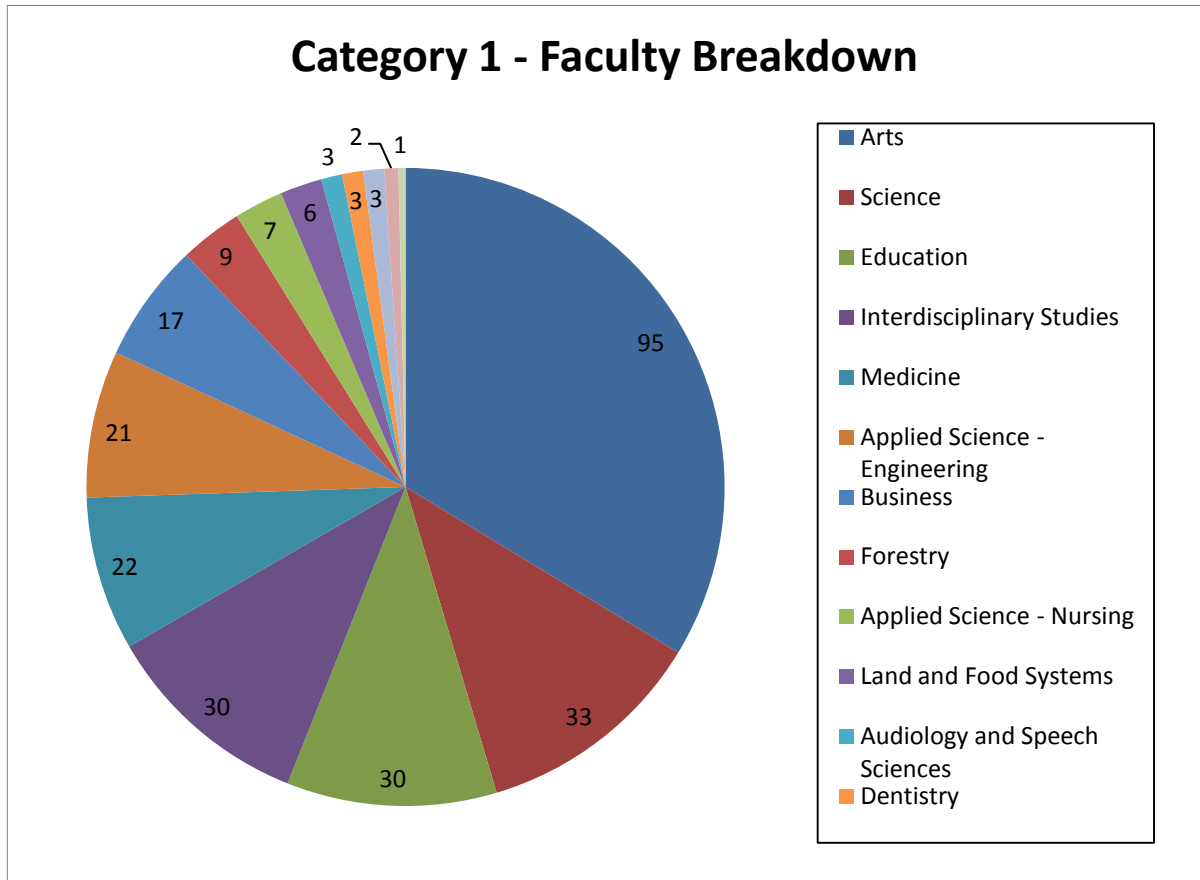


## **Part Two**

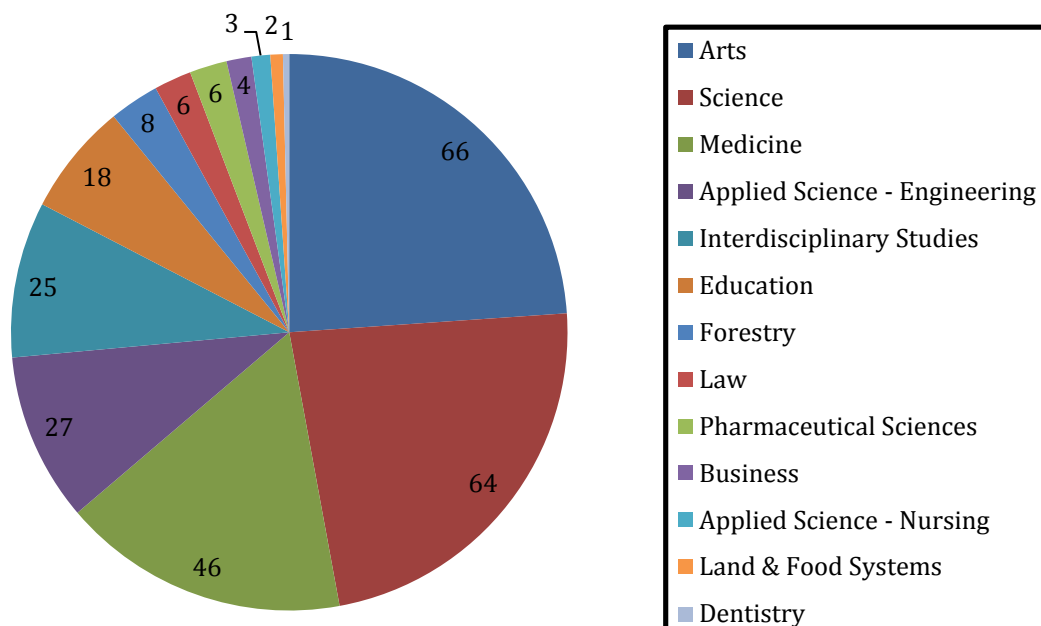
### **Description of Findings: Faculty Responses**

#### ***Categories 1 and 2 – Comparison of Faculty breakdowns***

For simplicity, the response numbers have been broken down by Faculty and not by Department. For a breakdown of the numbers by specific department, please see Appendix 2, Table 1 and 2.



## Category 2 - Faculty Breakdown



### *Category 1 – Faculty Survey*

#### *How many unique individuals actually completed the Category 1 census?*

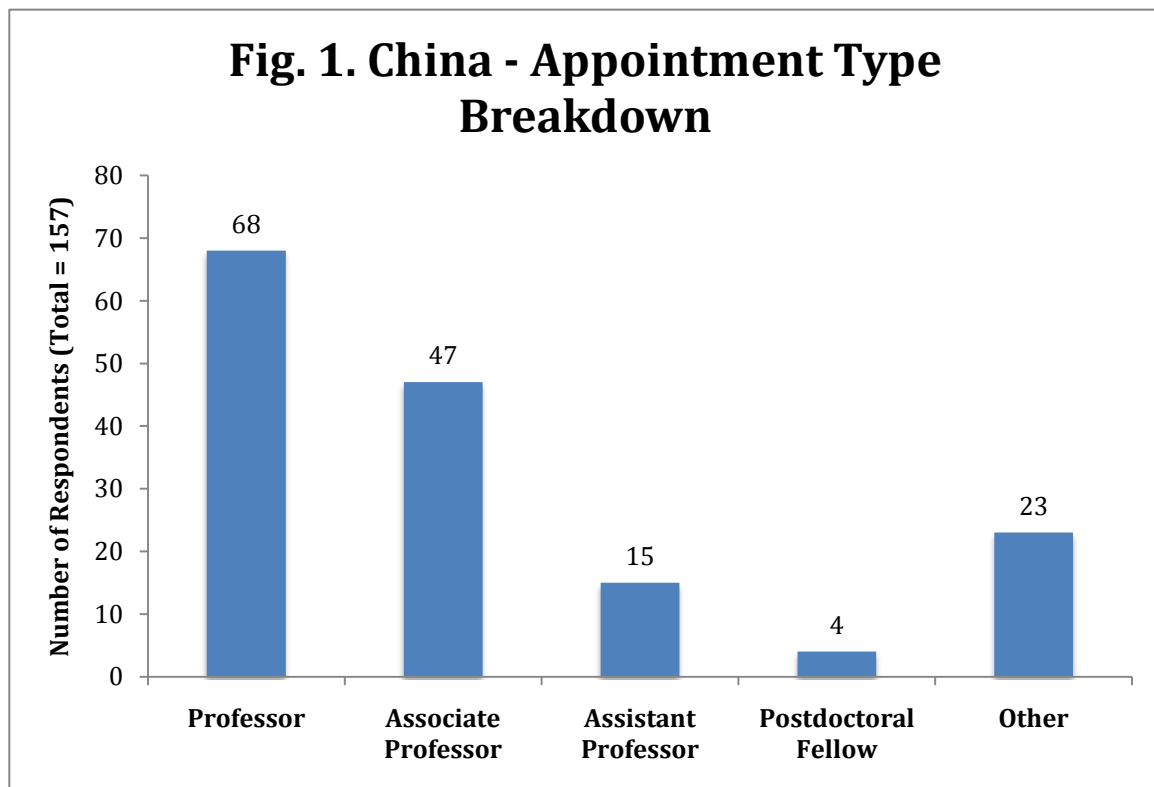
Across all six Asian regions surveyed, we received a total of 369 responses. However, because many respondents are multi-region specialists, some of these responses came from the same individuals. After removing these repeat names, Category 1 received responses from 314 unique individuals.

### ***China – Category 1 Faculty Survey***

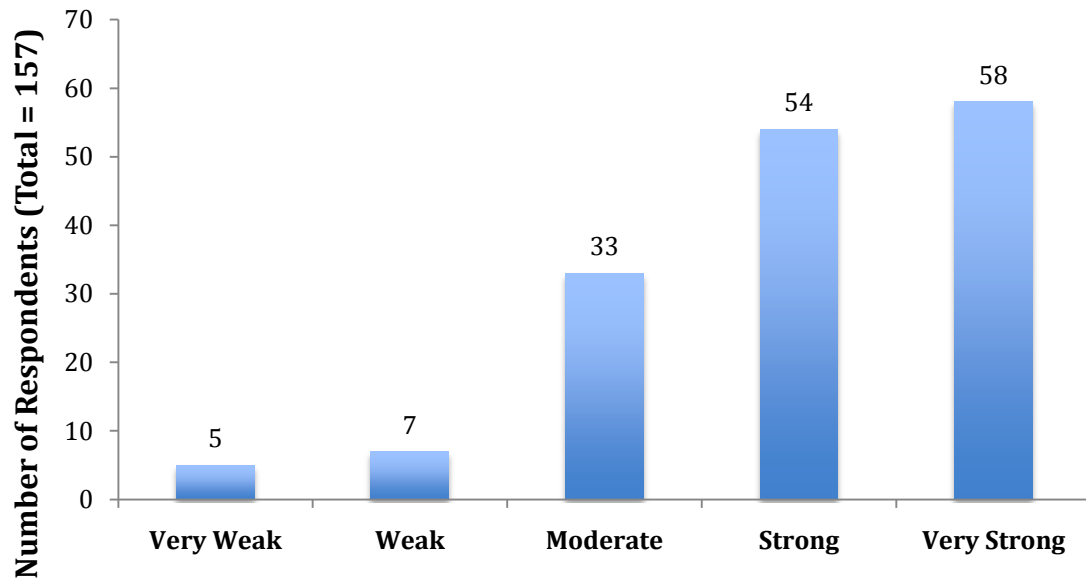
The Category 1 China survey was completed by 157 UBC faculty or staff members.

Table 1. List of the departments from which the Category 1 China survey received the most responses.

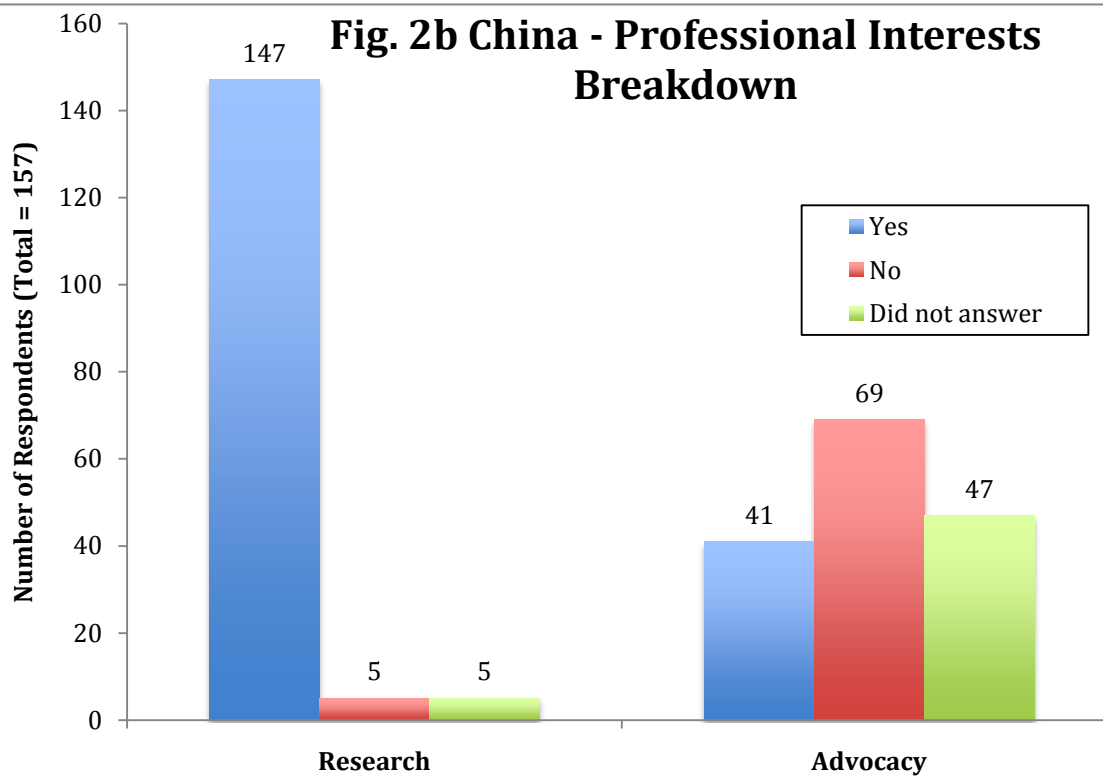
Department Name	Number of Responses
Arts - Asian Studies	12
Business - Sauder	11
Interdisciplinary Studies - IAR	9
Arts - Geography	7
Arts - History	6
Education - EDCP	6
Arts - Sociology	5
Education - EDST	5
Interdisciplinary Studies - SCARP	5
Science - Chemistry	5
Science - Math	5



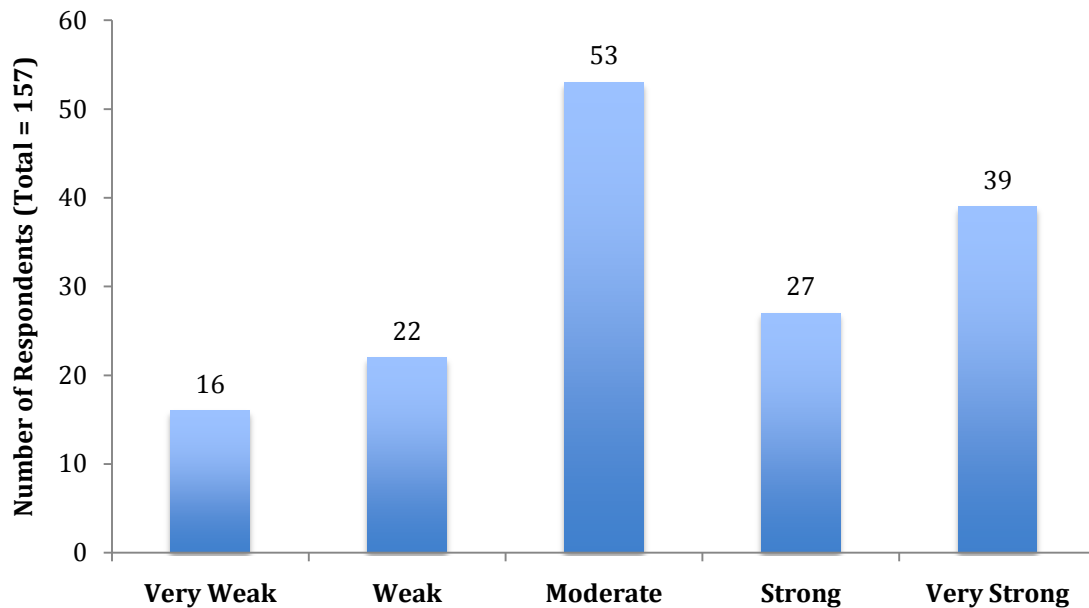
**Fig. 2a. China - Strength of Professional Interests**



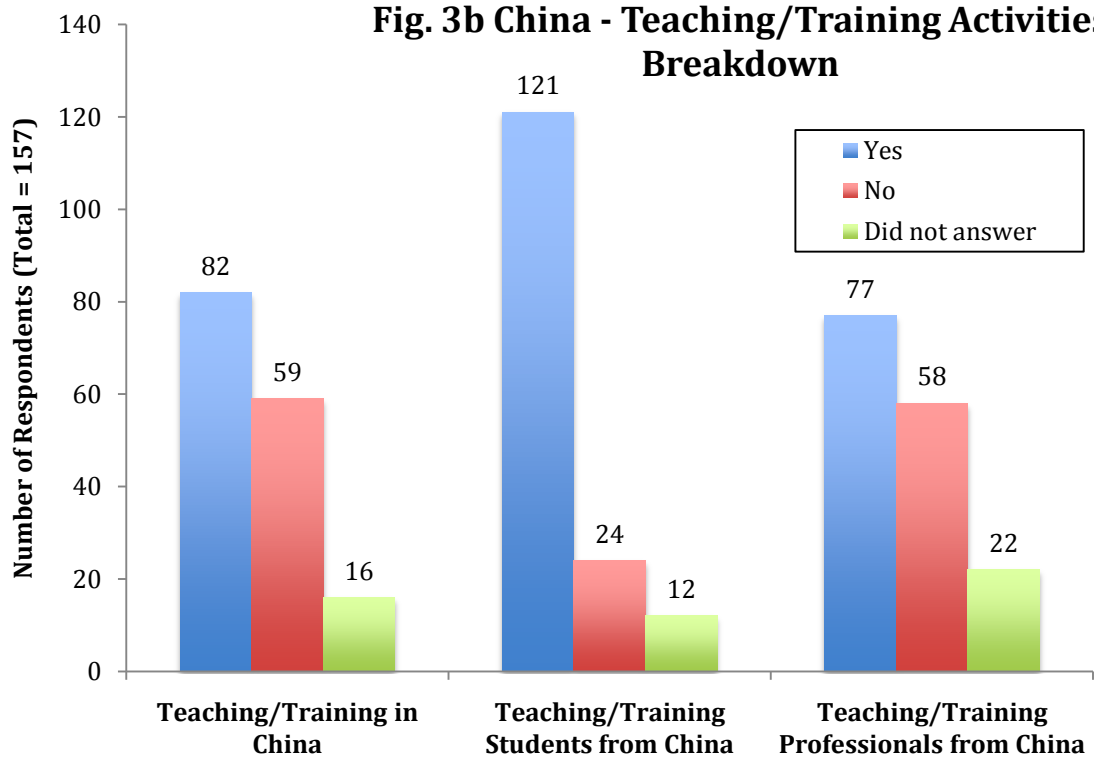
**Fig. 2b China - Professional Interests Breakdown**



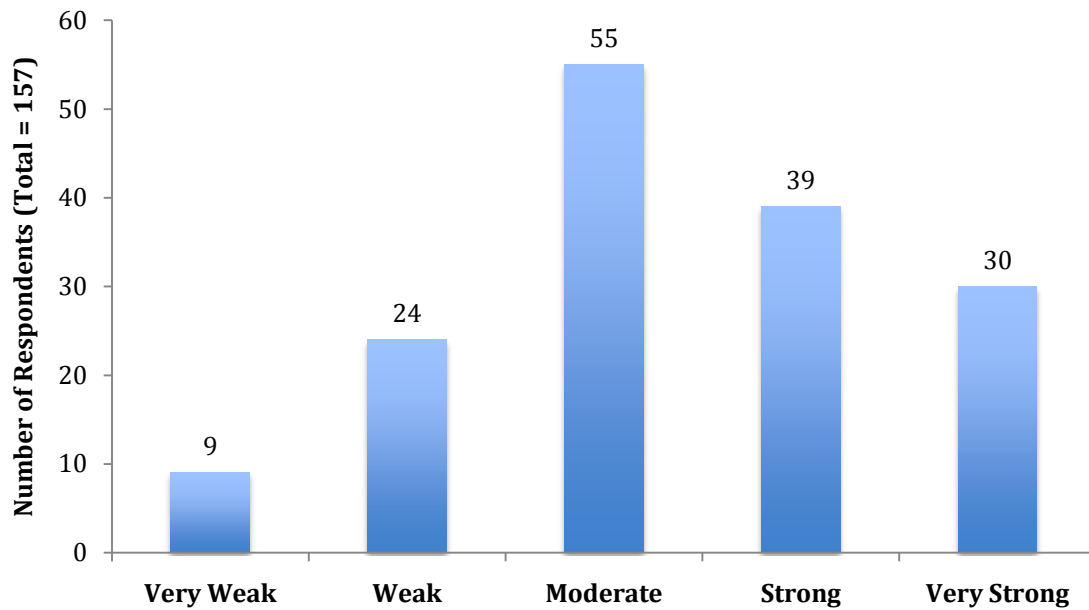
**Fig. 3a China - Strength of Teaching/Training Activities**



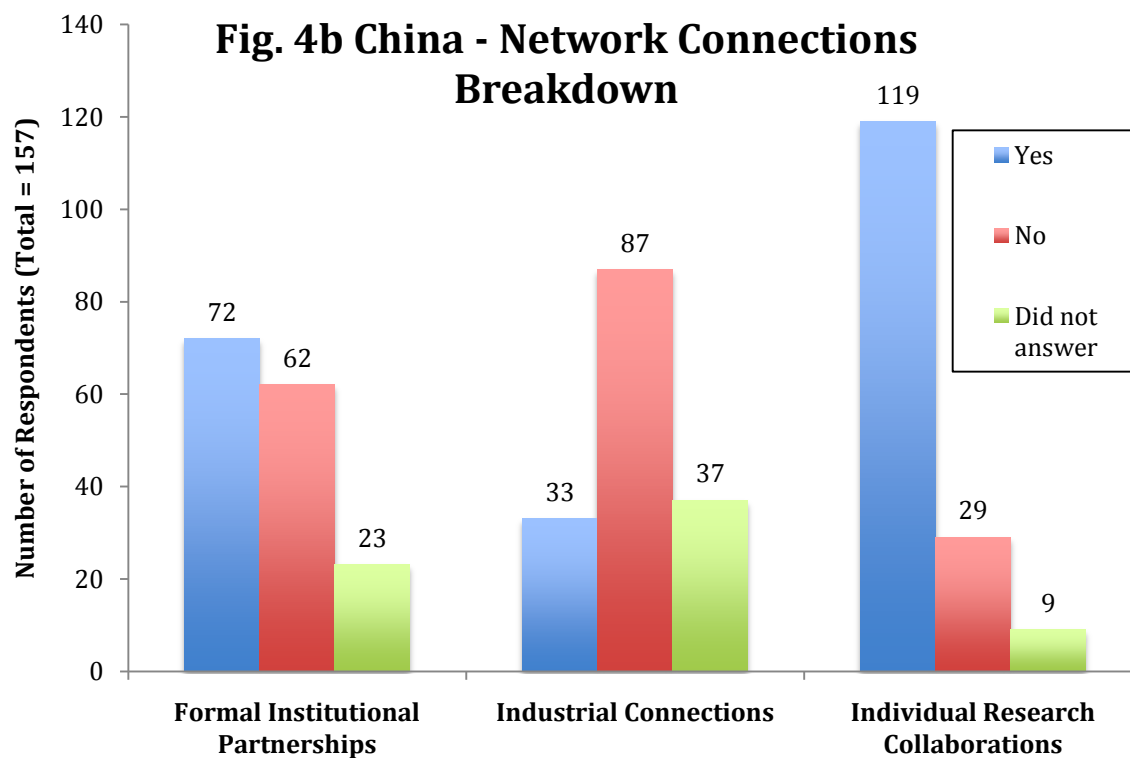
**Fig. 3b China - Teaching/Training Activities Breakdown**



**Fig. 4a China - Strength of Network Connections**



**Fig. 4b China - Network Connections Breakdown**

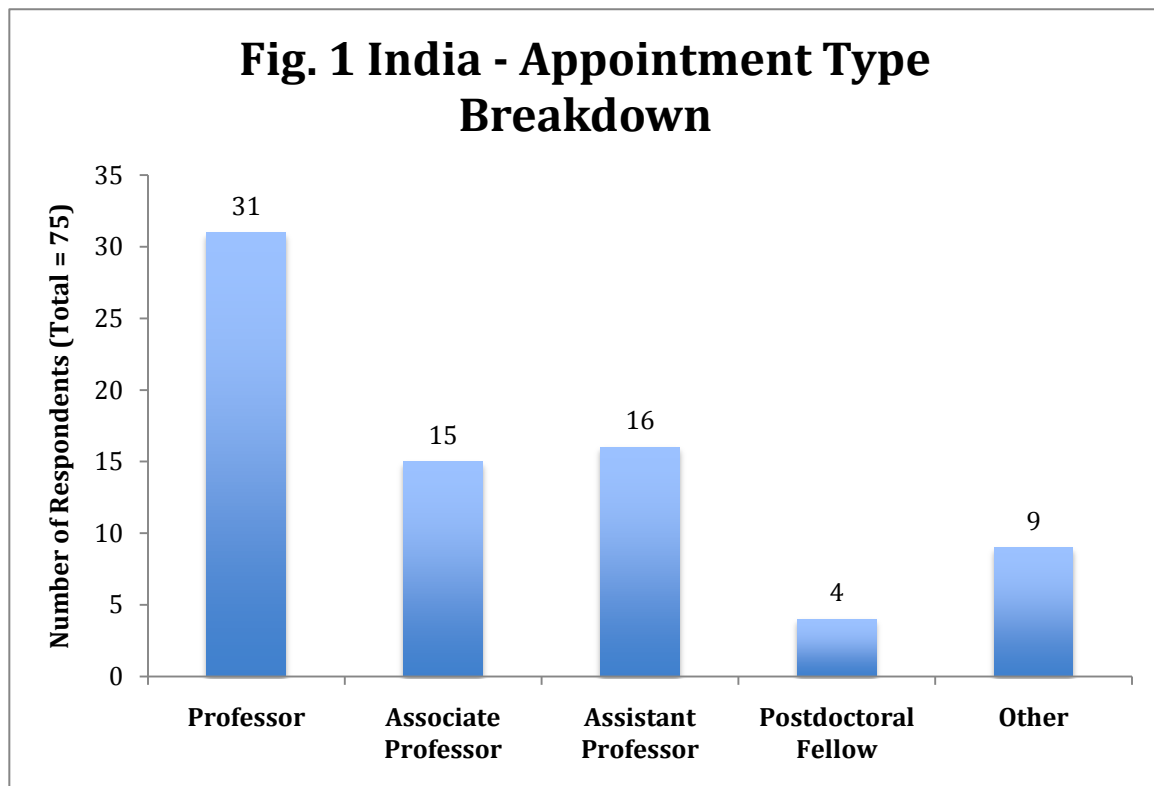


### ***India – Category 1 Faculty Survey***

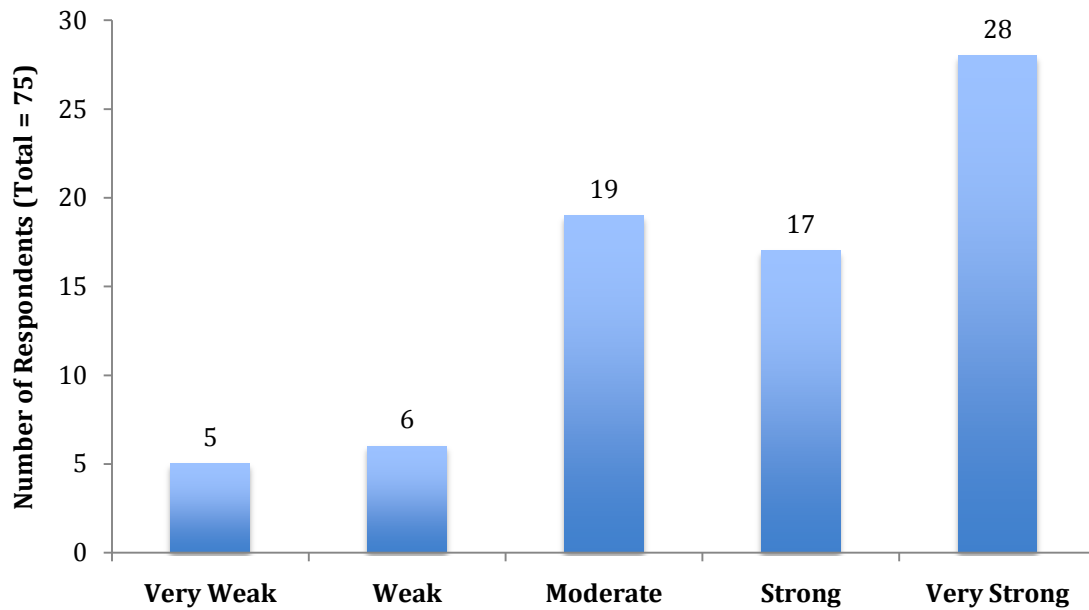
The Category 1 India survey was completed by 75 UBC faculty or staff members.

Table 1. List of departments from which the Category 1 India survey received the most responses.

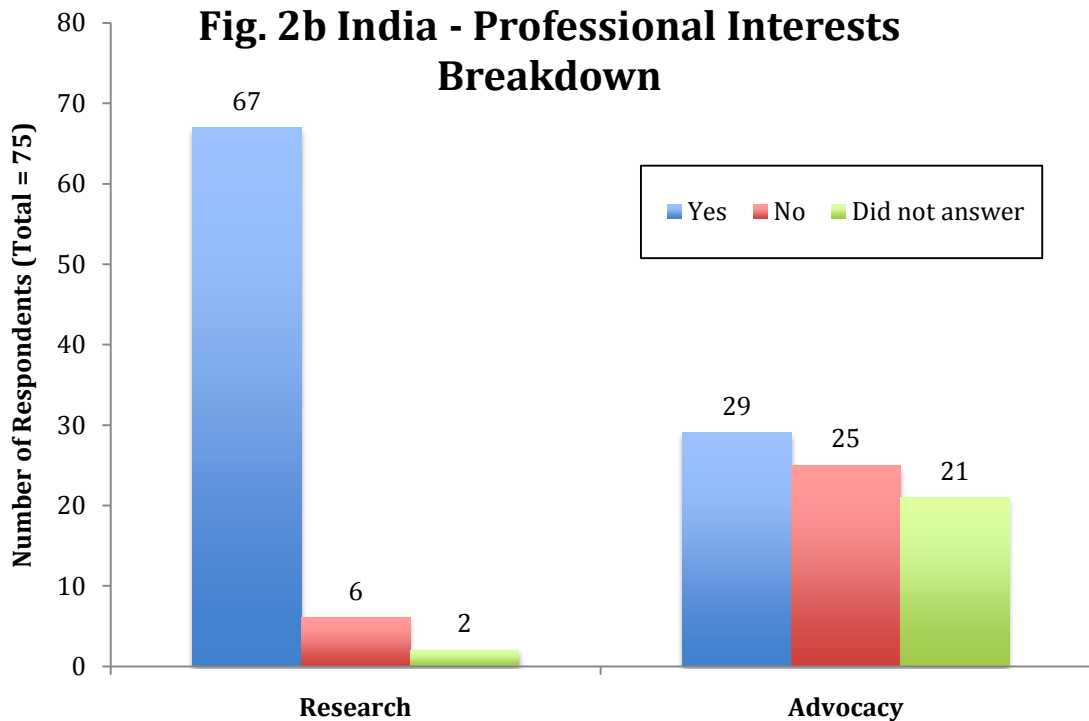
Department Name	Number of Responses
Applied Science - Nursing	6
Arts - Asian Studies	5
Applied Science - Engineering (ECE)	4
Medicine - Psychiatry	4
Science - Computer Science	4
Interdisciplinary Studies - IAR	3
Education - EDST	3
Arts - Anthropology	3
Land and Food Systems	3
Arts - Economics	3



**Fig. 2a India - Strength of Professional Interests**

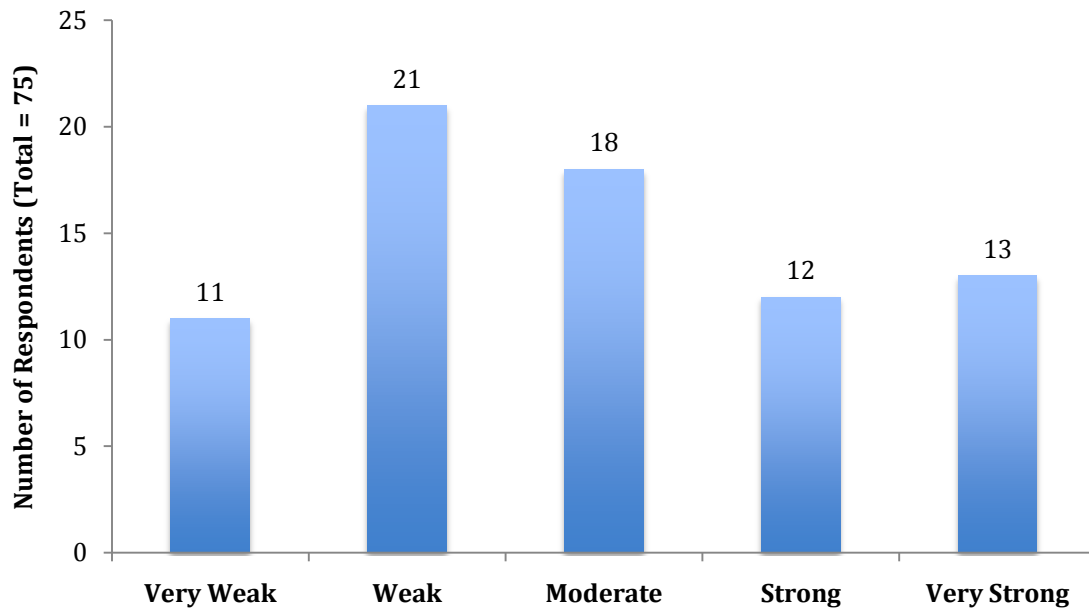


**Fig. 2b India - Professional Interests Breakdown**

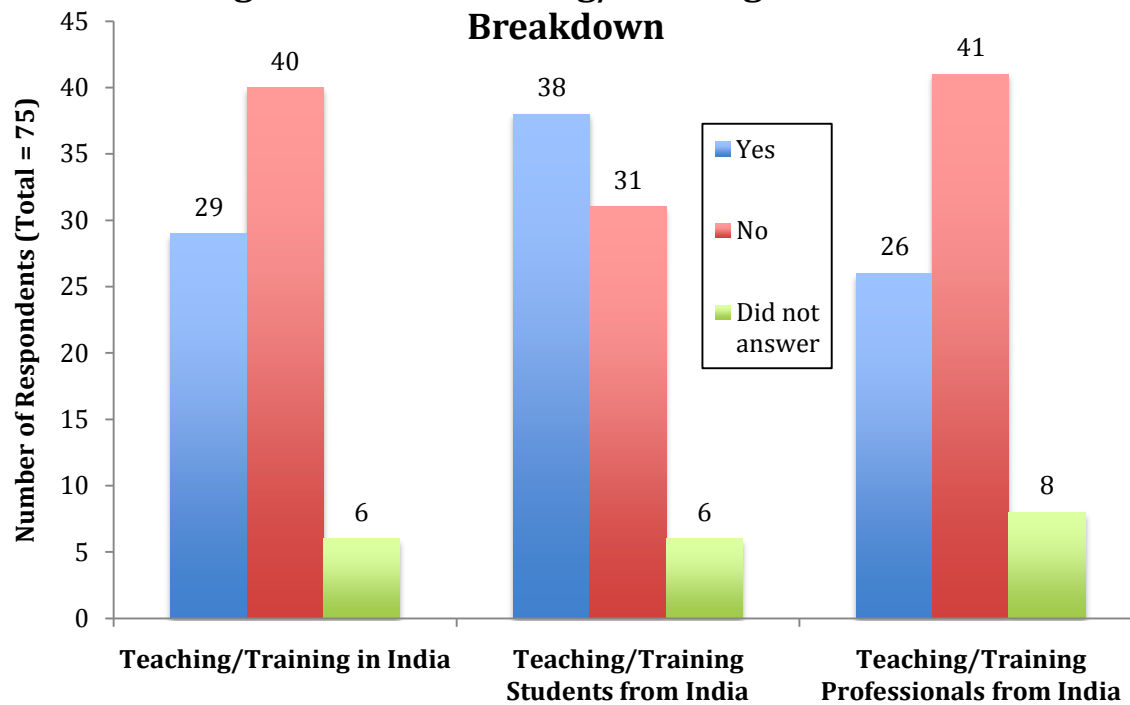




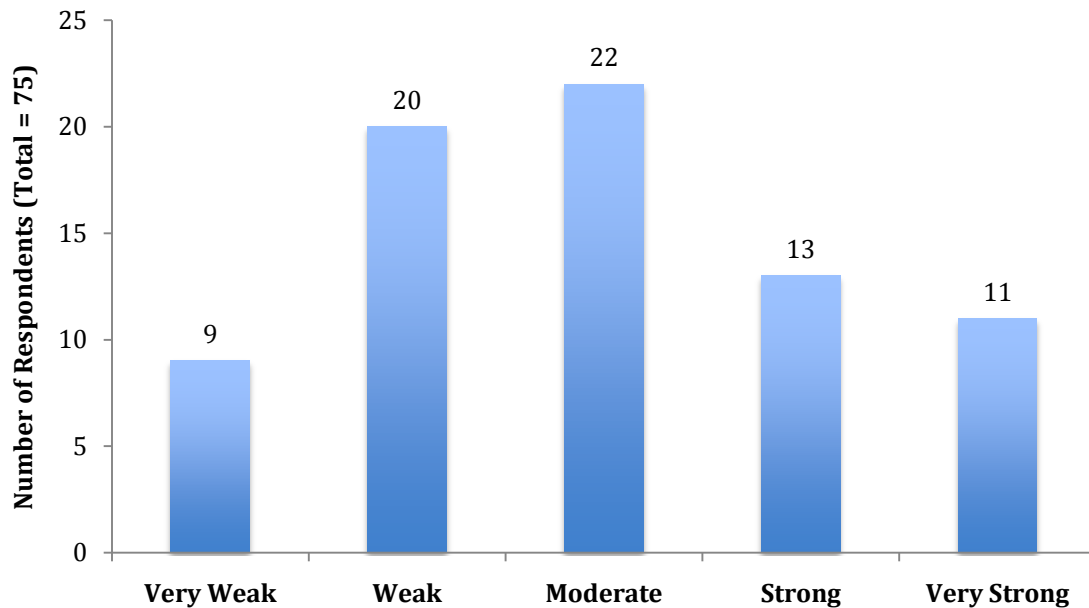
**Fig. 3a India - Strength of Teaching/Training Activities**



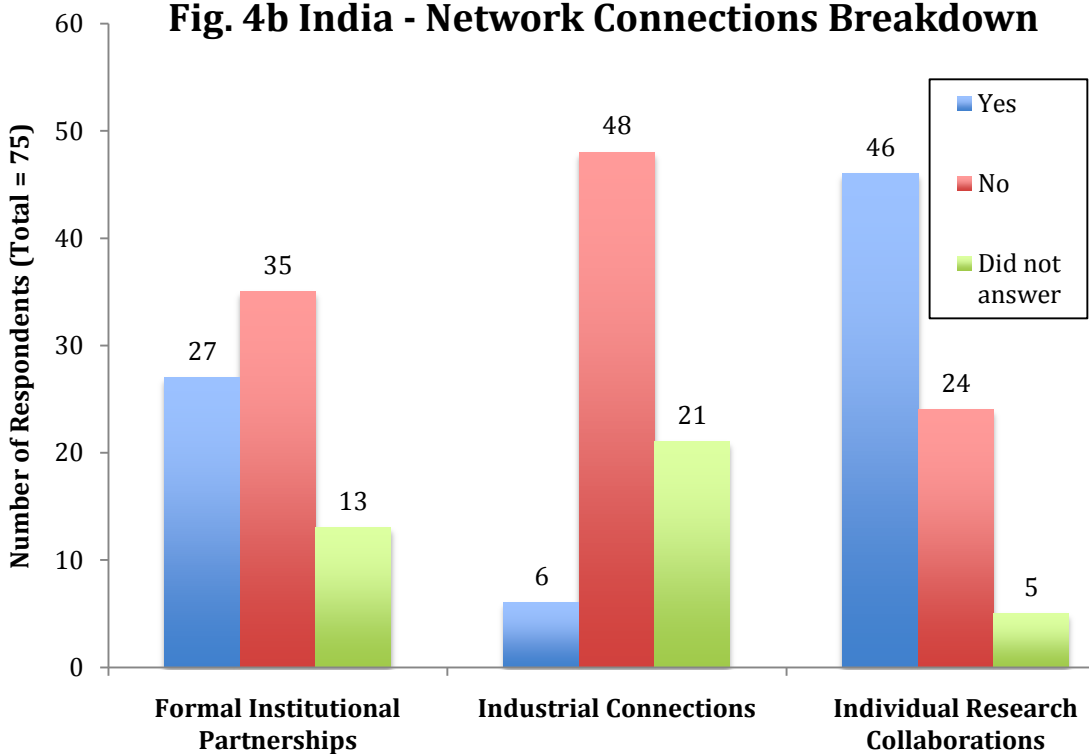
**Fig. 3b India - Teaching/Training Activities Breakdown**



**Fig. 4a India - Strength of Network Connections**



**Fig. 4b India - Network Connections Breakdown**

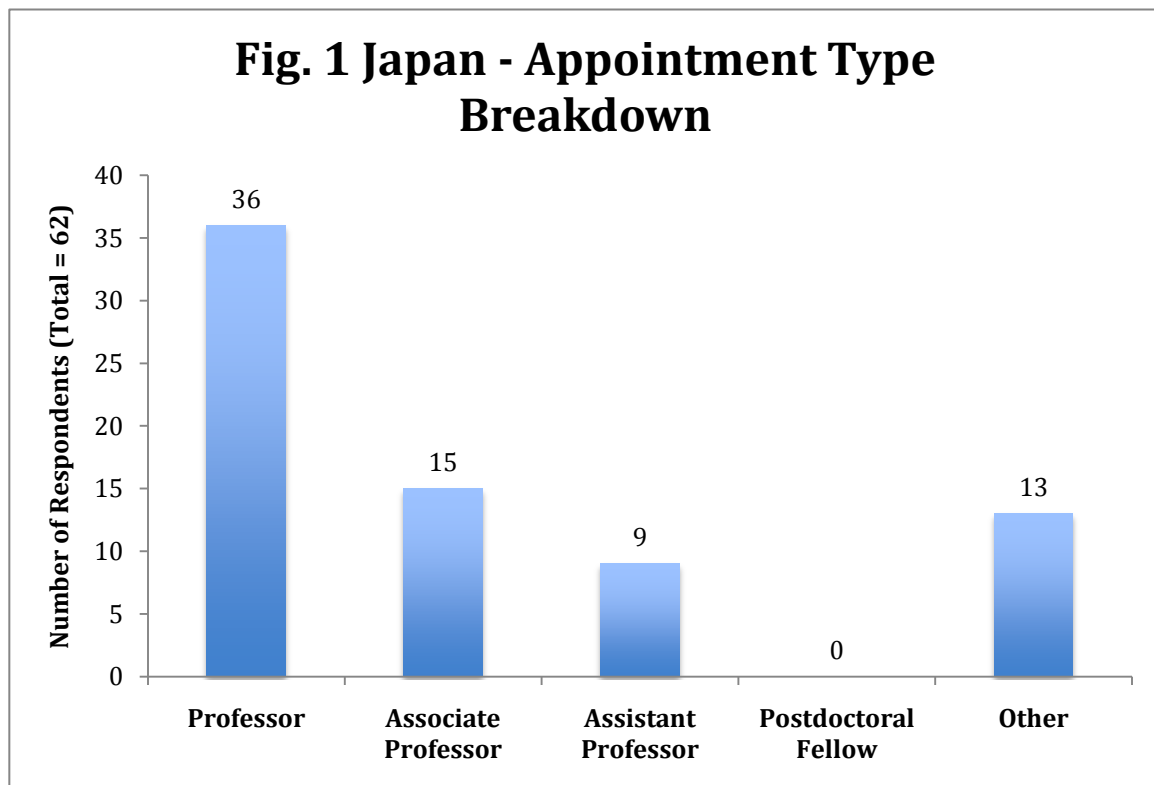


### ***Japan – Category 1 Faculty Survey***

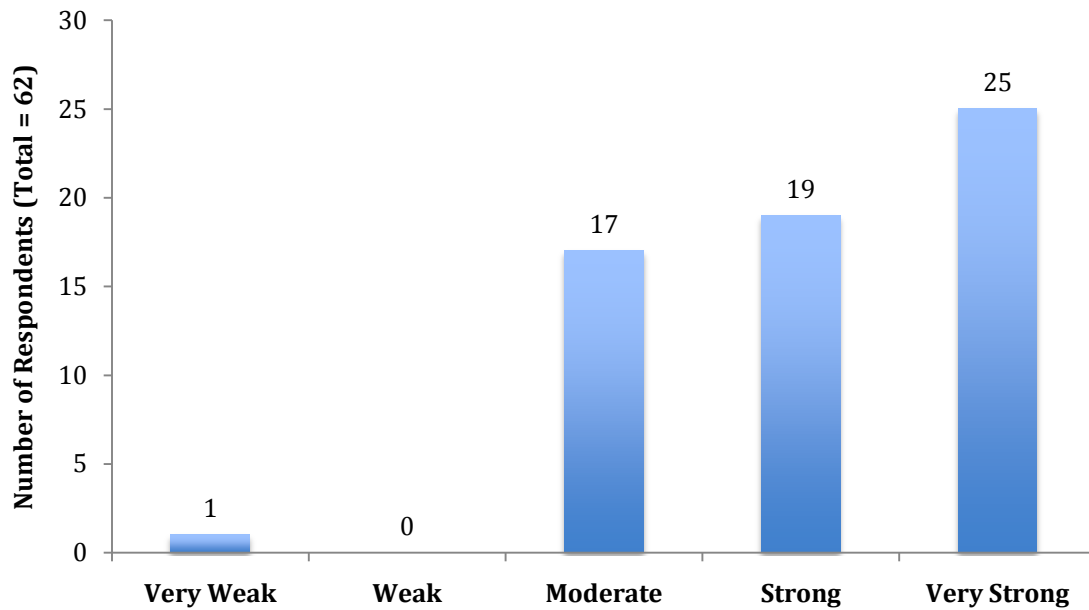
The Category 1 Japan survey was fully completed by 62 UBC faculty or staff members (10 people began the survey but did not complete it).

Table 1. List of departments from which the Category 1 Japan survey received the most responses.

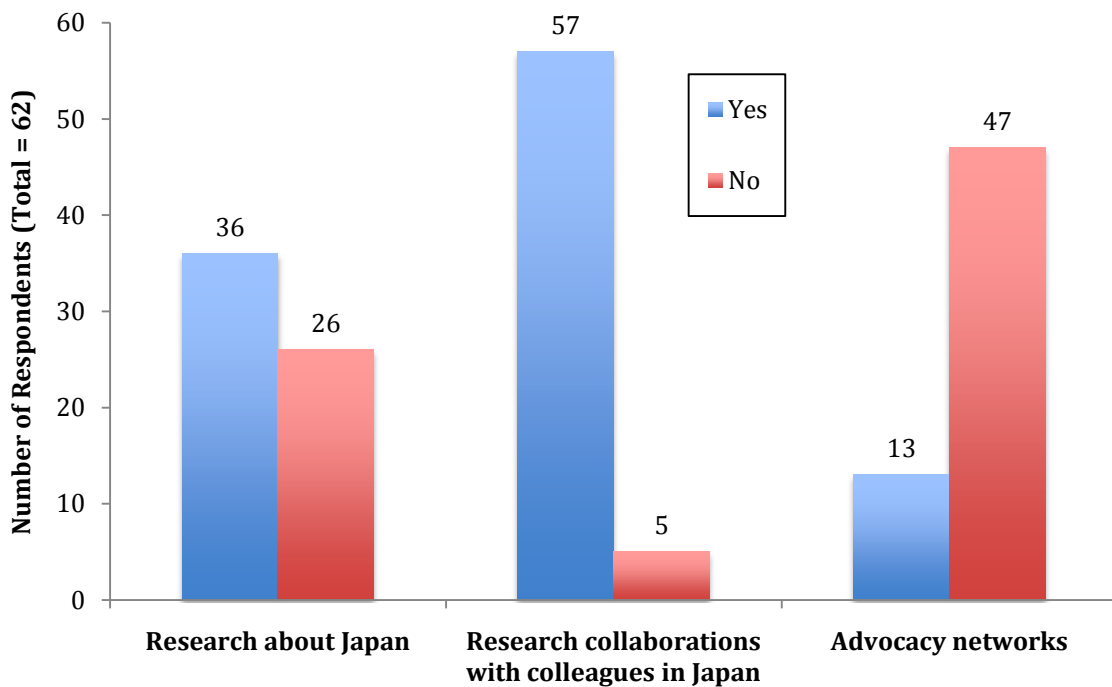
Department Name	Number of Responses
Arts - Asian Studies	11
Interdisciplinary Studies - IAR	7
Science - Math	5
Science - Phys & Astron	5
Applied Science - Engineering (ECE)	4
Business - Sauder	4
Education - LLED	3



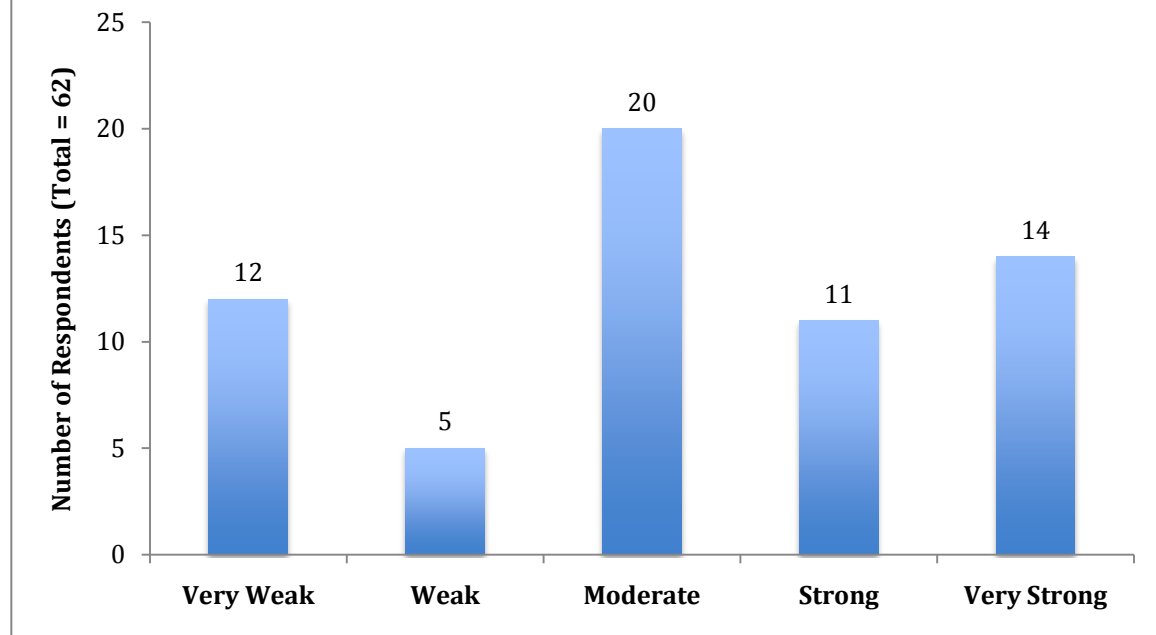
**Fig. 2a Japan - Strength of Professional Interests**



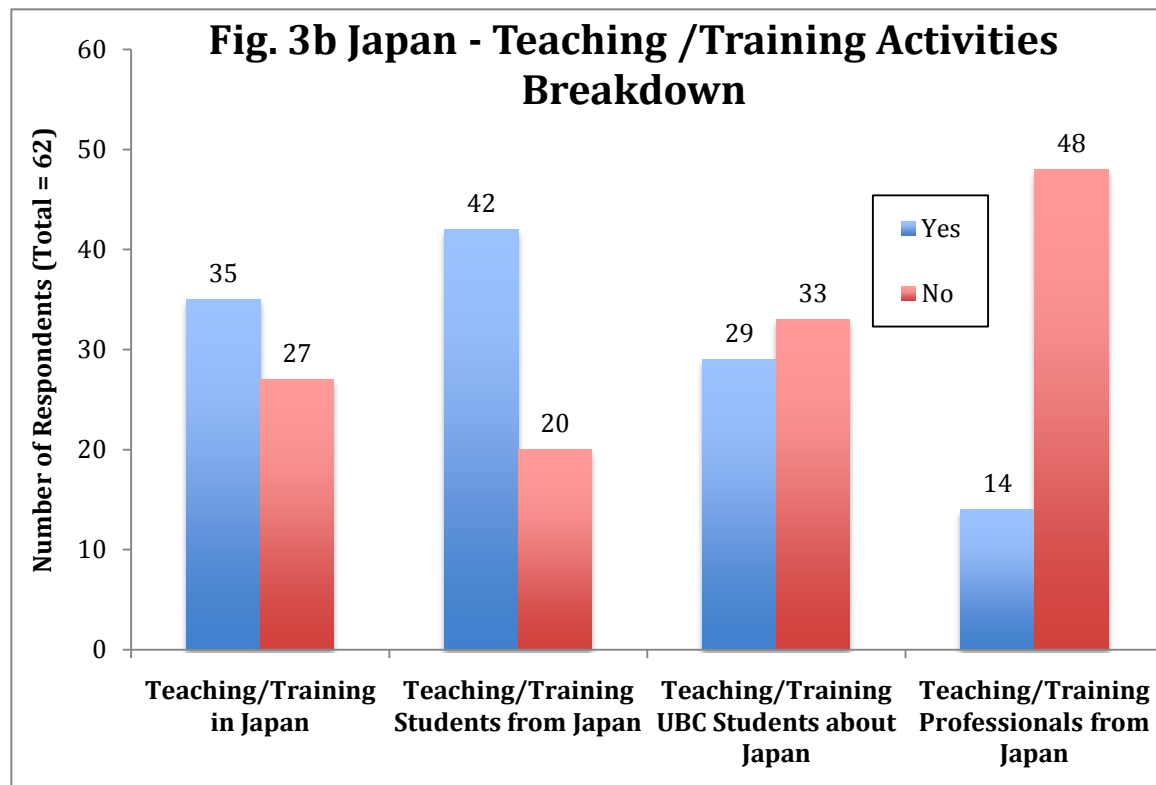
**Fig. 2b Japan - Professional Interests Breakdown**



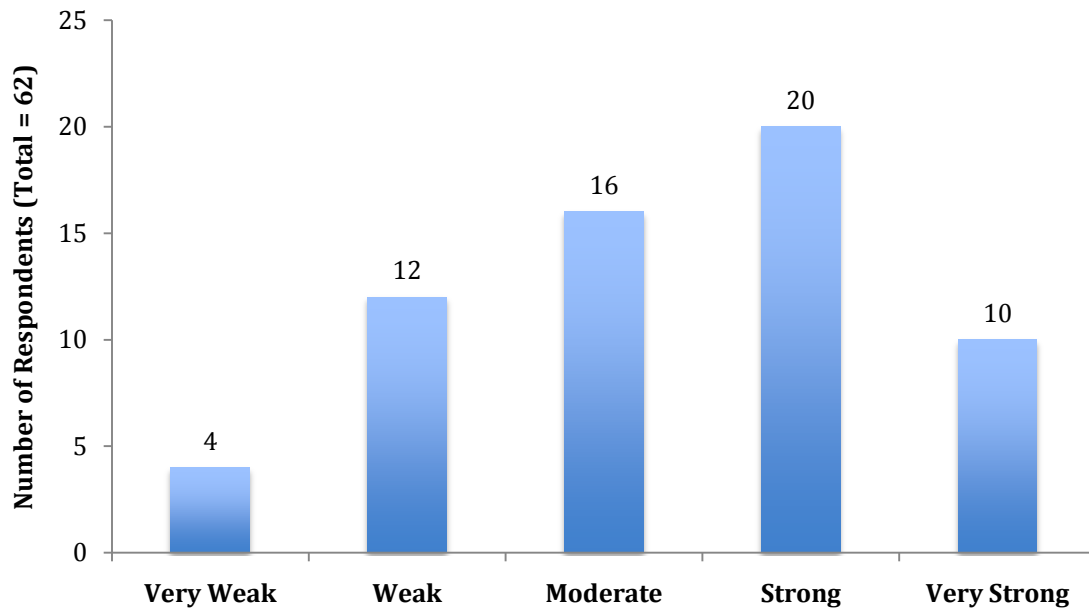
**Fig. 3a Japan - Strength of Teaching/Training Activities**



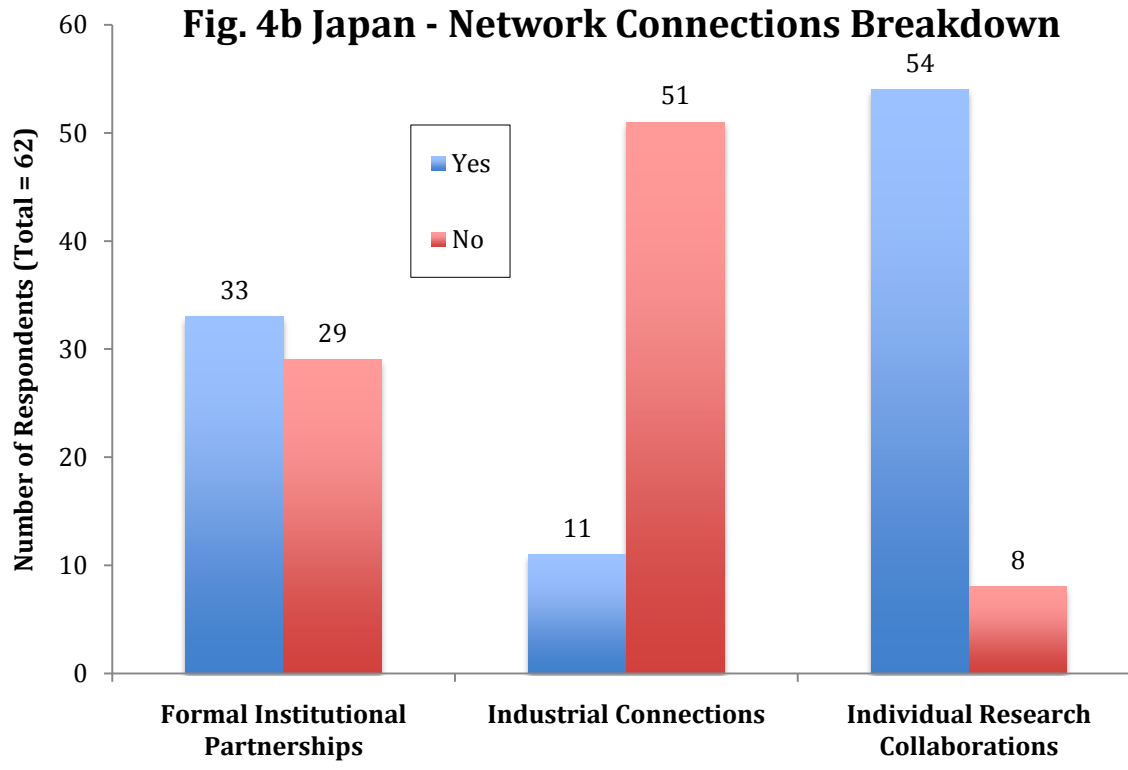
**Fig. 3b Japan - Teaching /Training Activities Breakdown**



**Fig. 4a Japan - Strength of Network Connections**



**Fig. 4b Japan - Network Connections Breakdown**

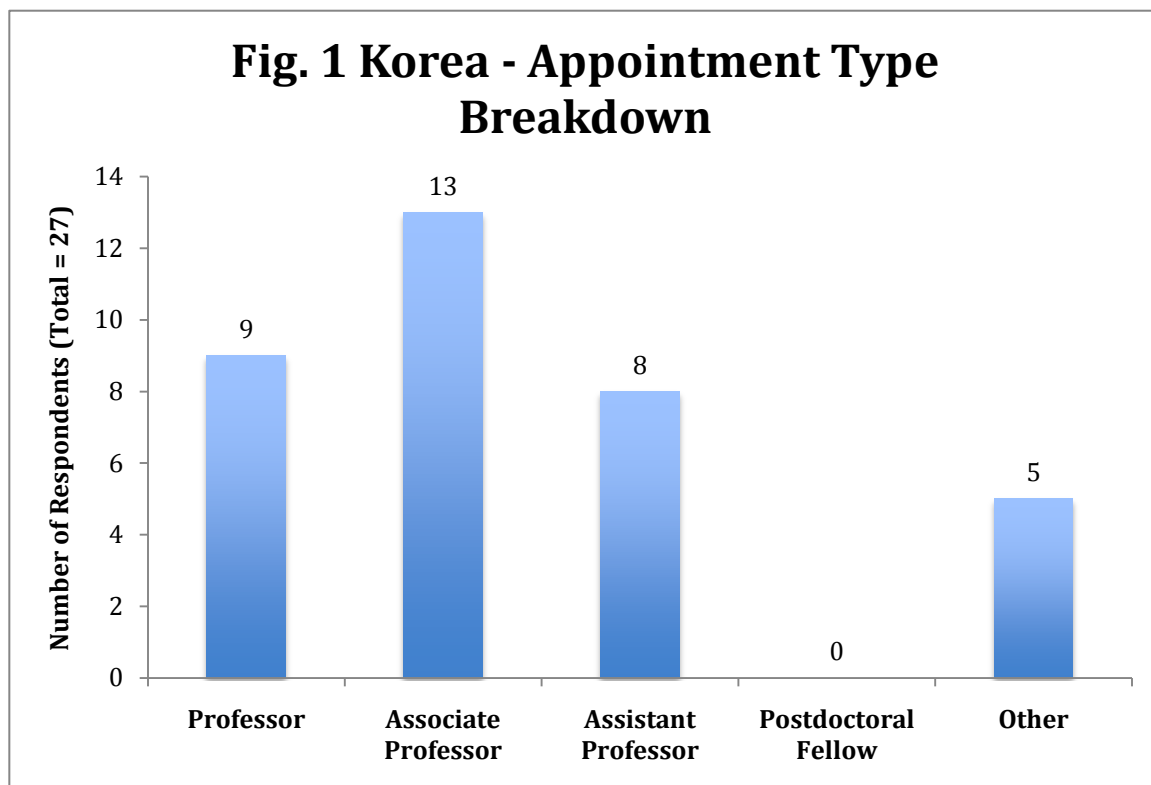


### ***Korea – Category 1 Faculty Survey***

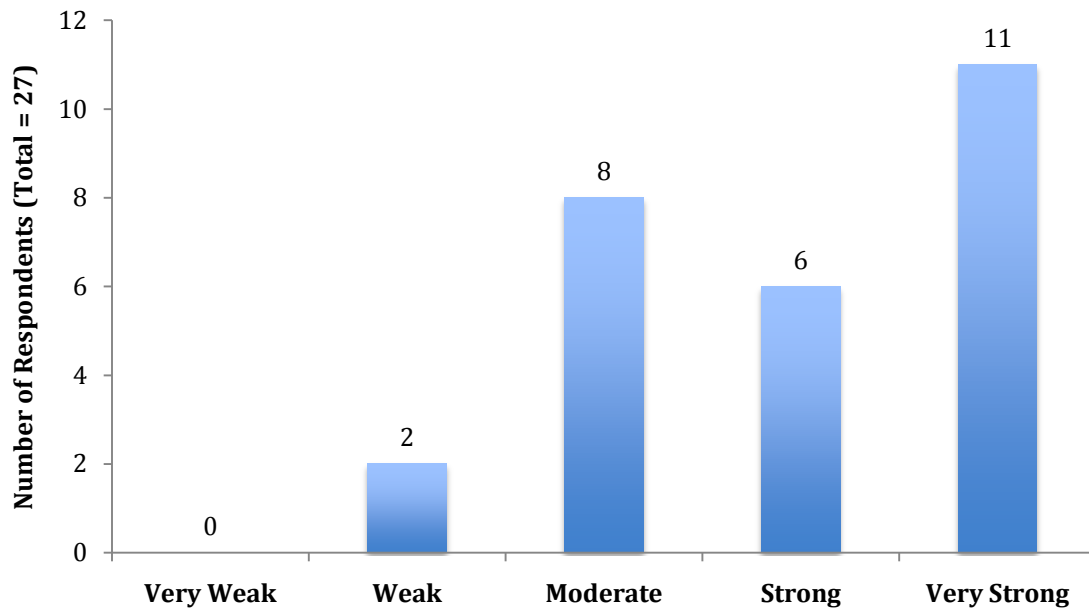
The Category 1 Korea survey was fully completed by 27 UBC faculty or staff members (4 people began the survey but did not complete it).

Table 1. List of departments from which the Category 1 Korea survey received the most responses.

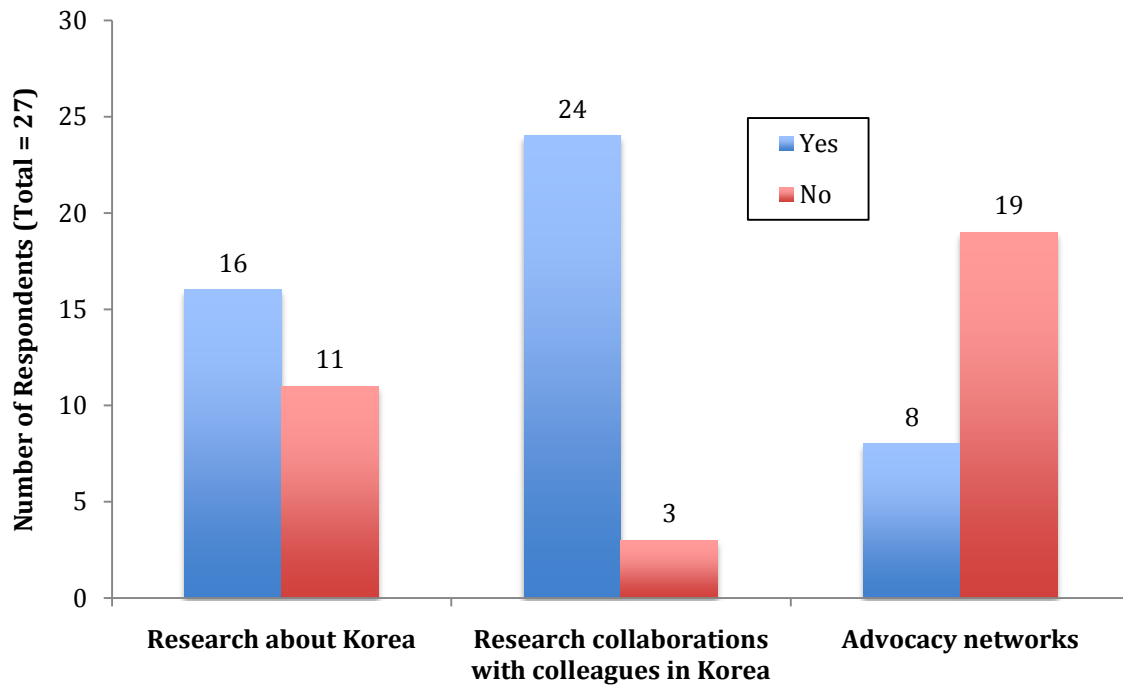
Department Name	Number of Responses
Arts - Asian Studies	4
Interdisciplinary Studies - IAR	3
Business - Sauder	3
Science - Math	2
Applied Science - Engineering (ECE)	2
Arts - Critical Studies (Okanagan)	2
Arts - Geography	2
Arts - Sociology	2



**Fig. 2a Korea - Strength of Professional Interests**

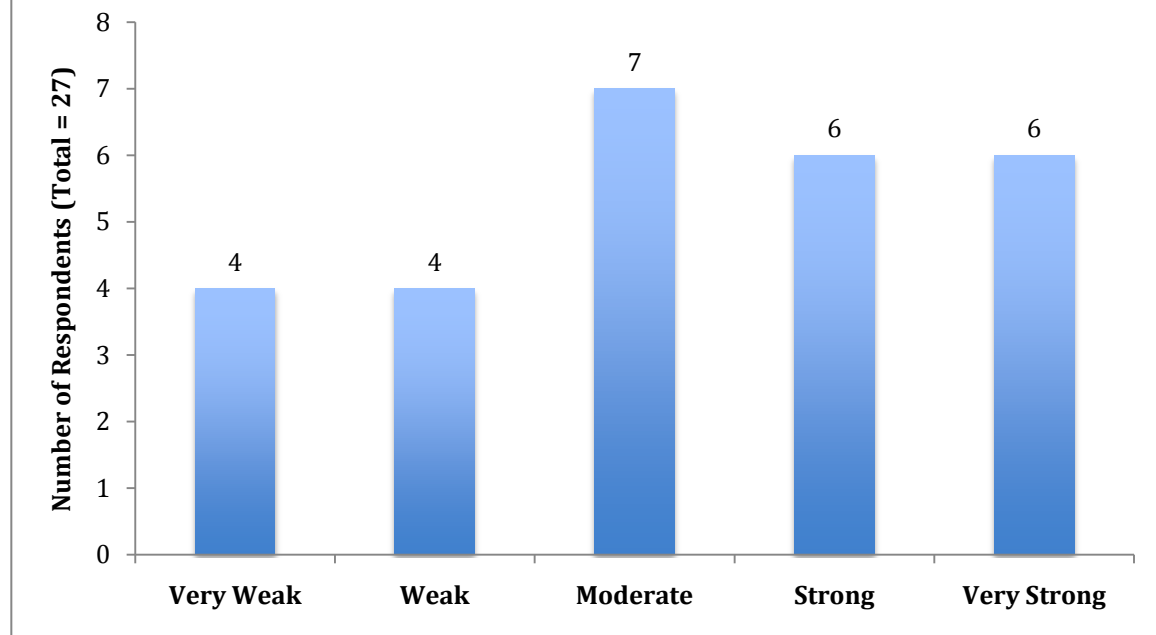


**Fig. 2b Korea - Professional Interests Breakdown**

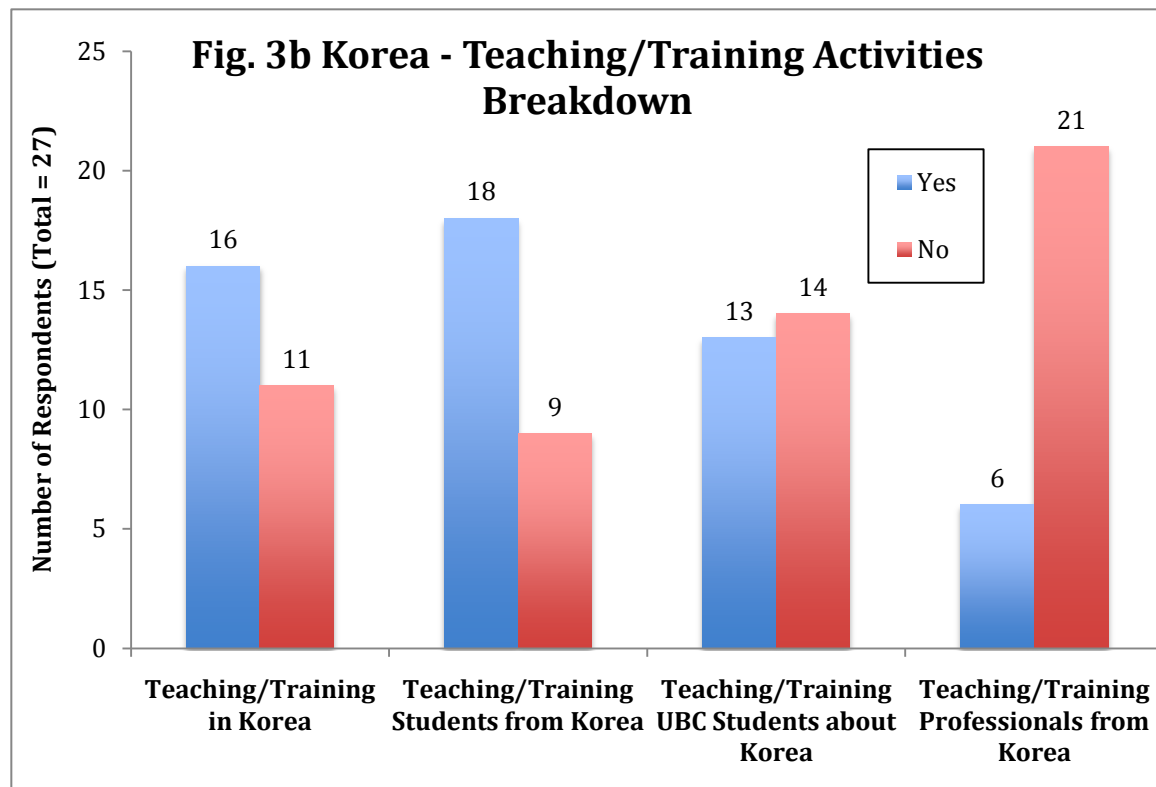




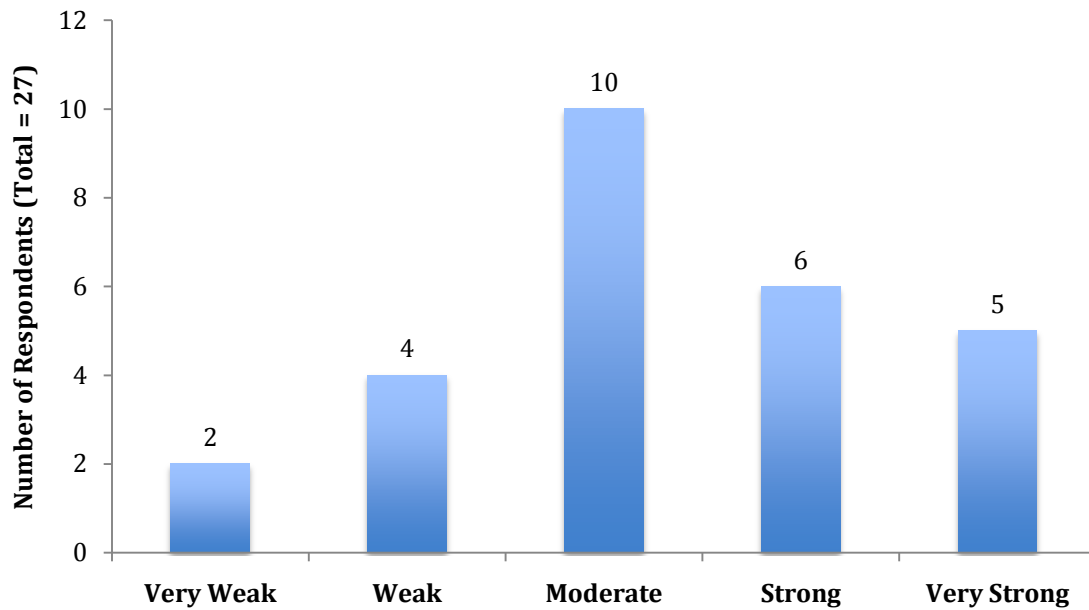
**Fig. 3a Korea - Strength of Teaching/Training Activities**



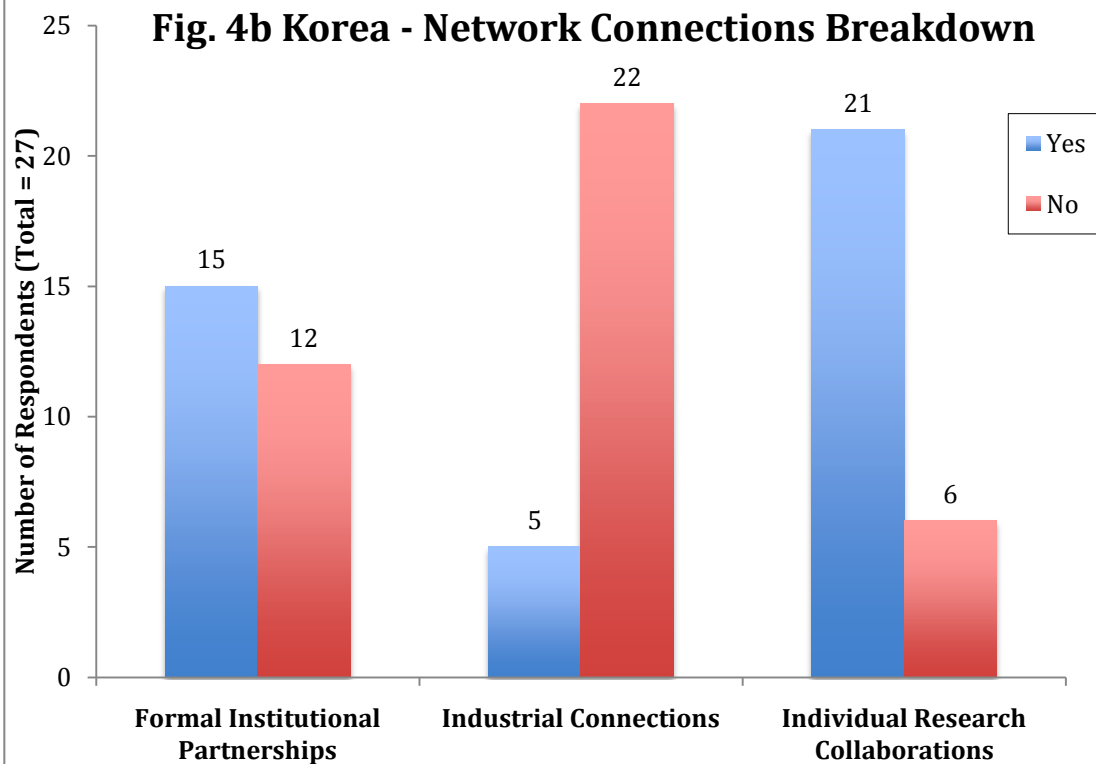
**Fig. 3b Korea - Teaching/Training Activities Breakdown**



**Fig. 4a Korea - Strength of Network Connections**



**Fig. 4b Korea - Network Connections Breakdown**



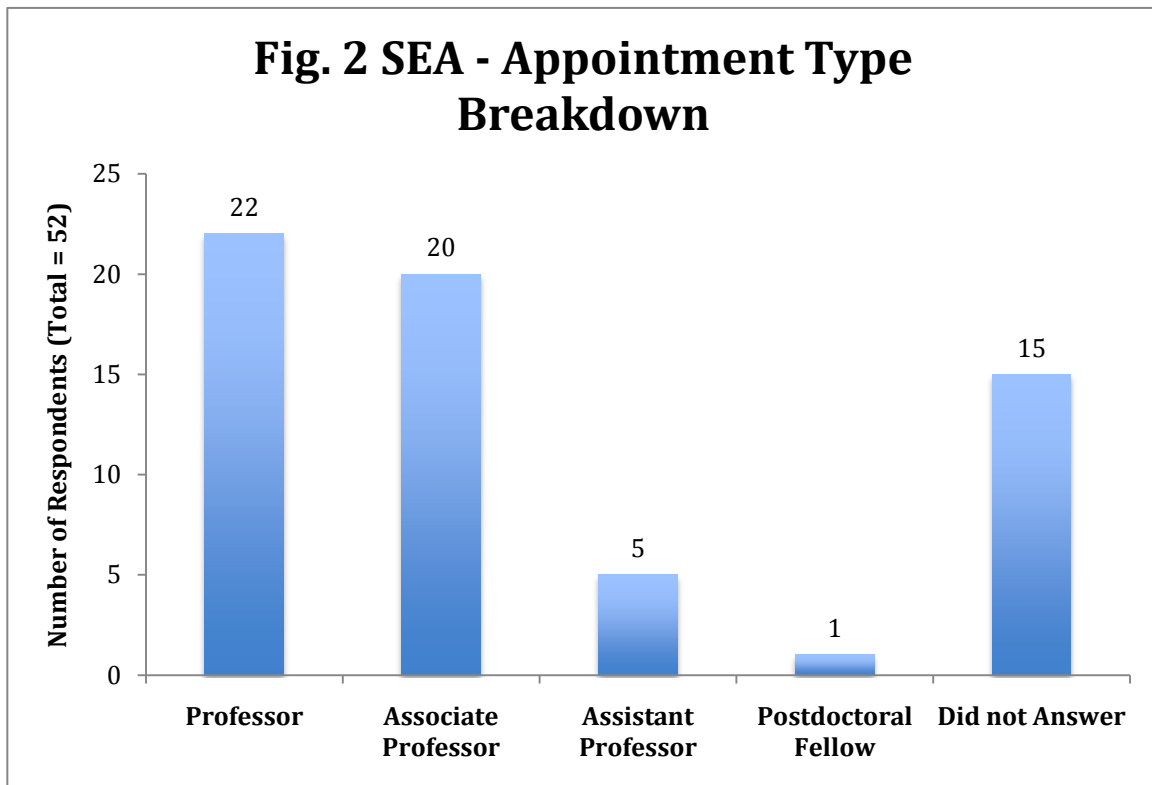
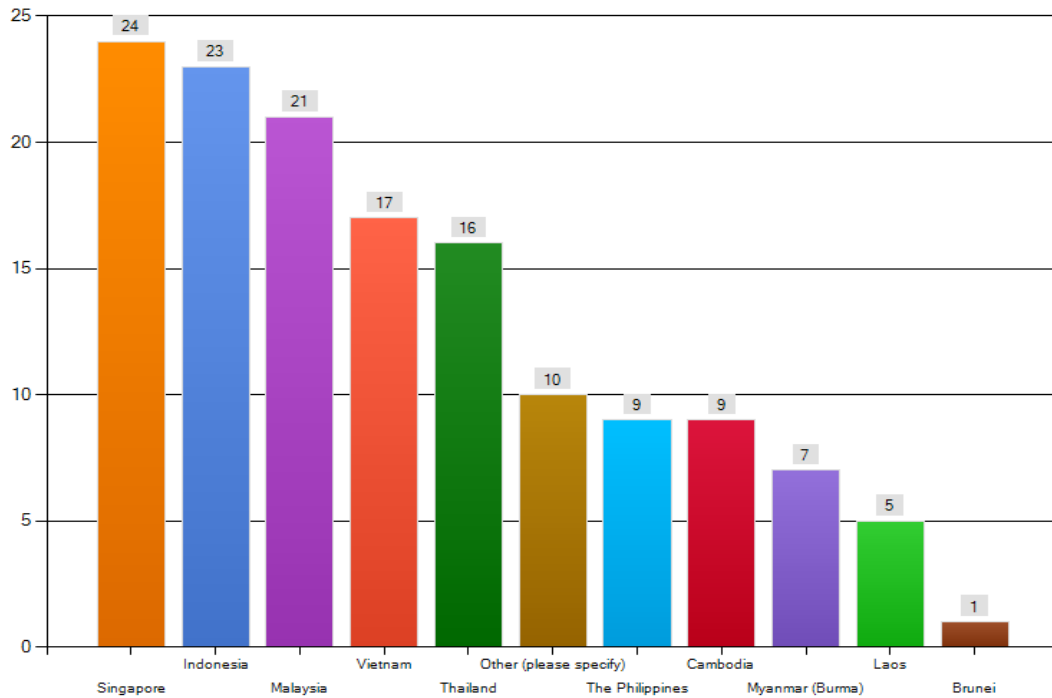
### ***SEA – Category 1 Faculty Survey***

The Category 1 SEA survey was fully completed by 52 UBC faculty or staff members (12 people began the survey but did not complete it).

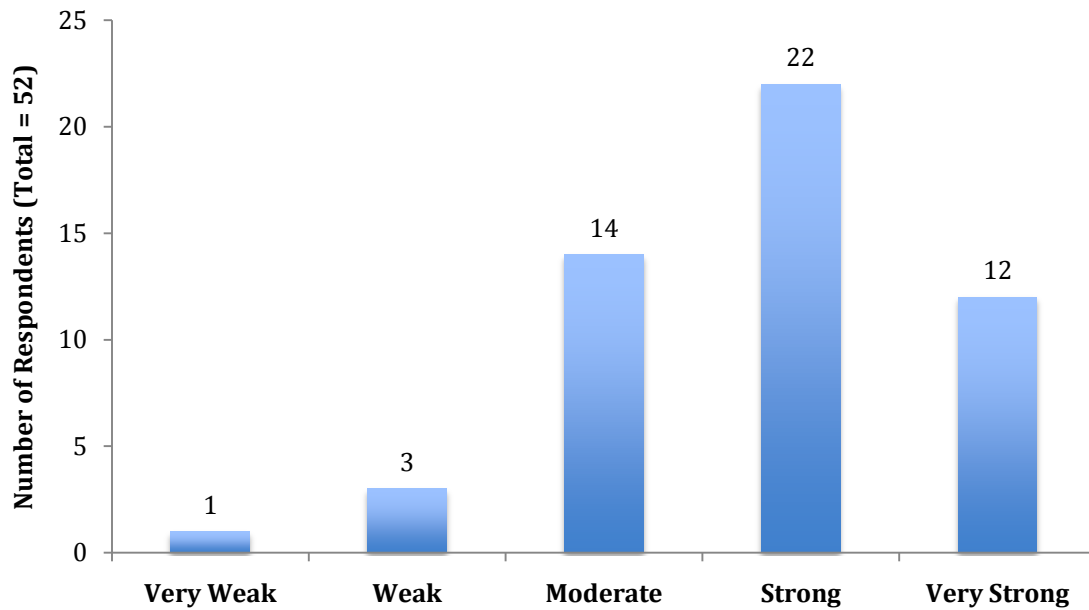
Table 1. List of departments from which the Category 1 SEA survey received the most responses.

<b>Department Name</b>	<b>Number of Responses</b>
Interdisciplinary Studies - SCARP	7
Interdisciplinary Studies - IAR	5
Arts - Geography	4
Arts - Sociology	3
Medicine - Psychiatry	3
Land and Food Systems	3
Arts - History	2
Arts - Music	2
Arts - Political Science	2
Education - EDST	2
Applied Science - Engineering (civil)	2
Audiology and Speech Sciences	2

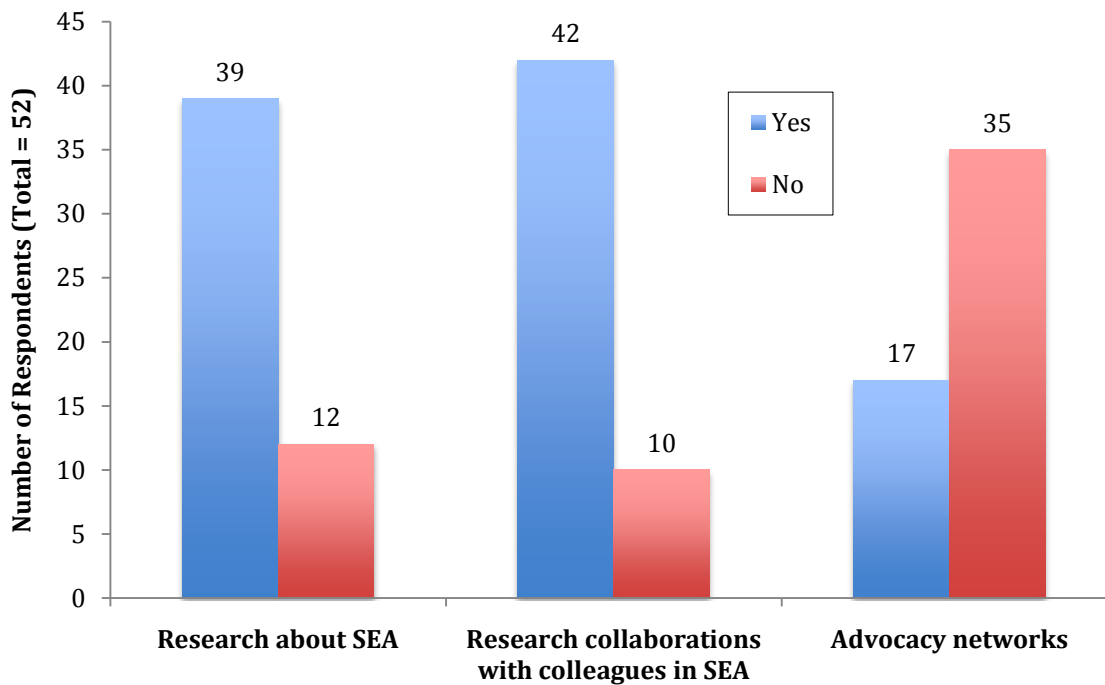
Figure 1. Breakdown of Category 1 SEA Regional Interests



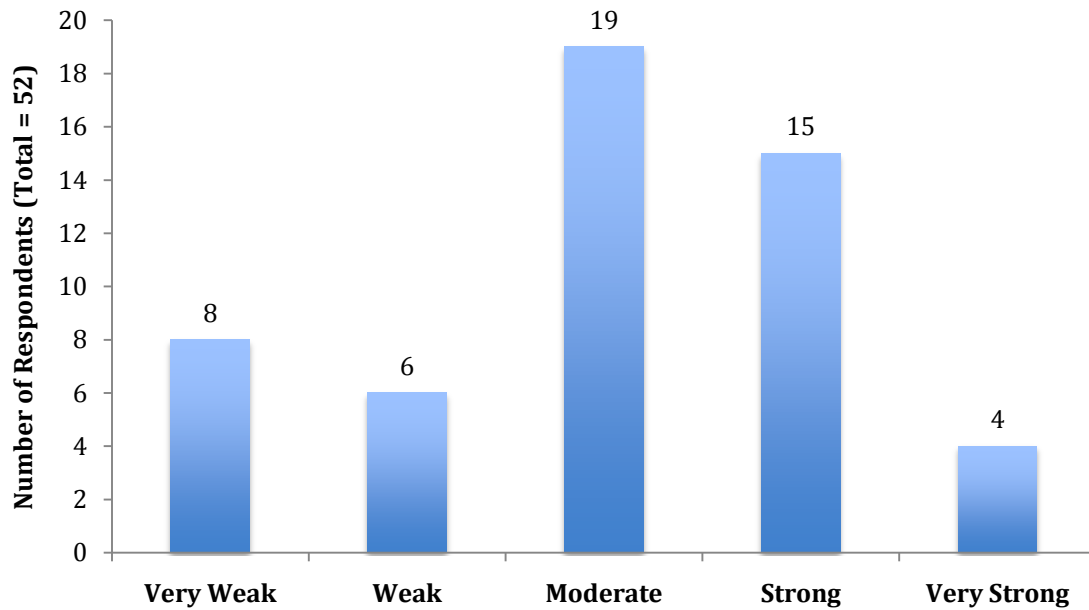
**Fig. 3a SEA - Strength of Professional Interests**



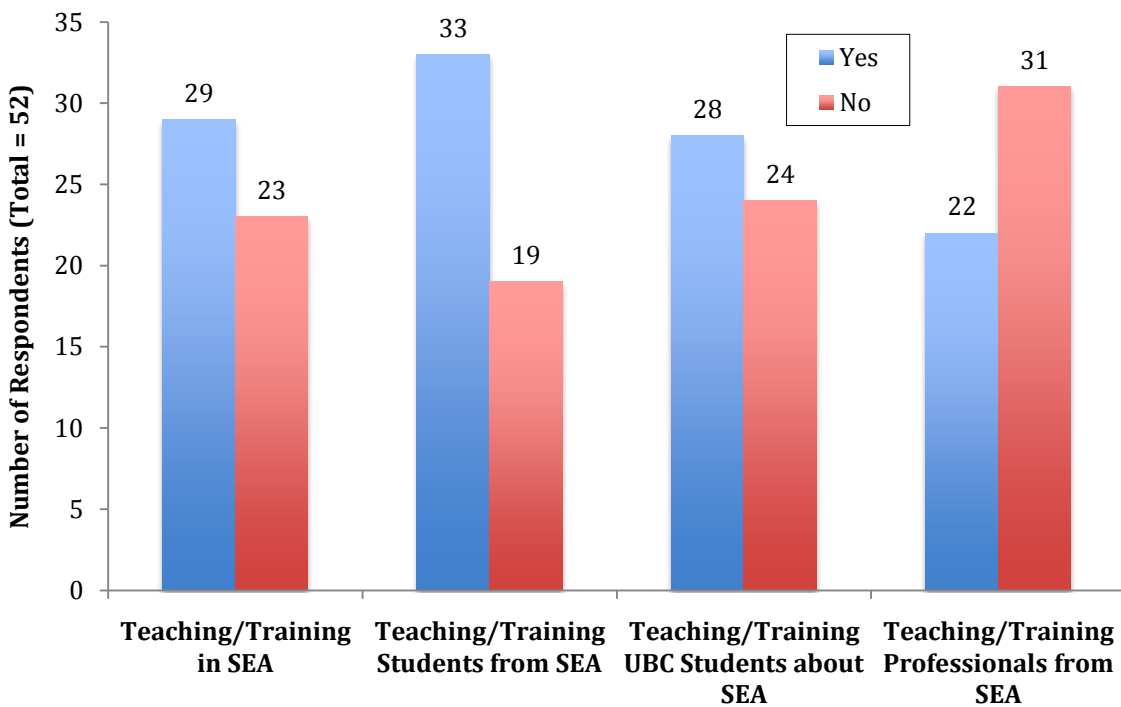
**Fig. 3b SEA - Professional Interests Breakdown**



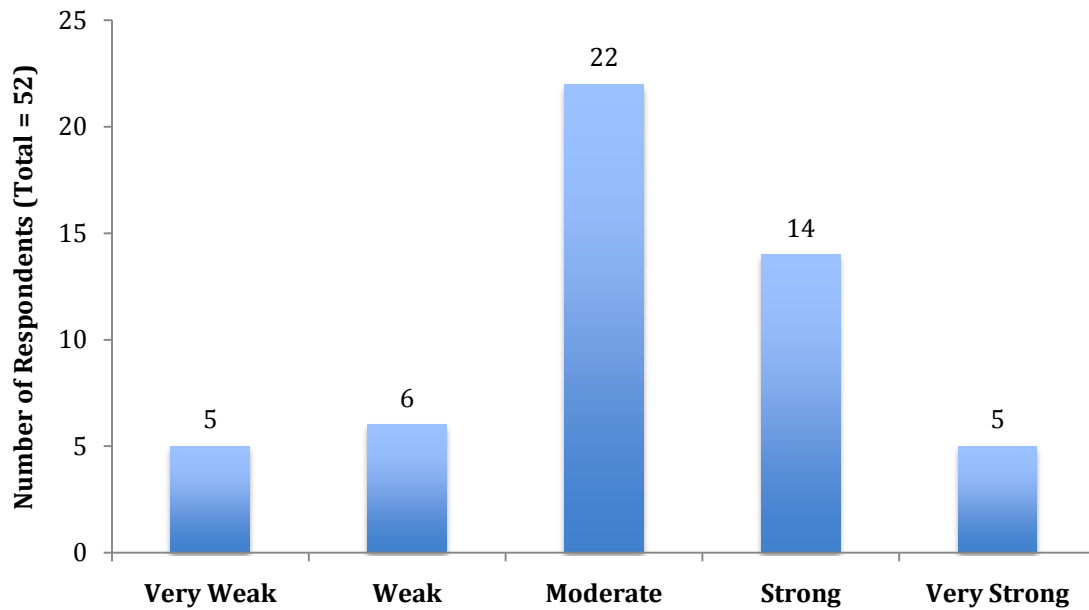
**Fig. 4a SEA - Strength of Teaching/Training Activities**



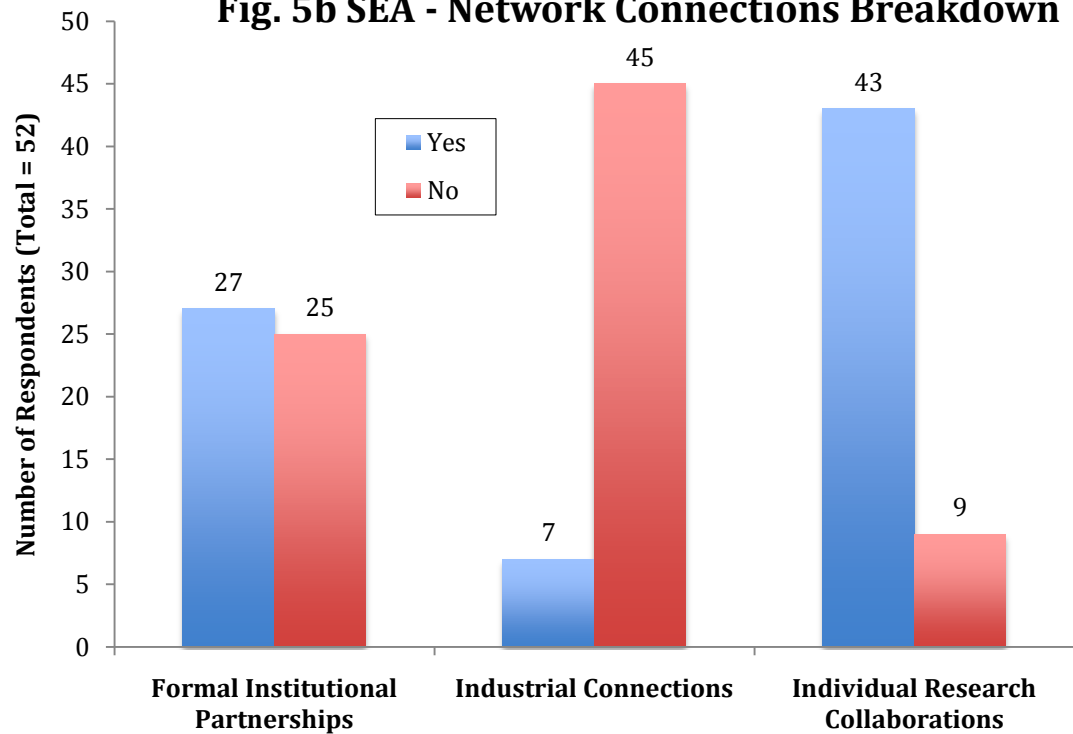
**Fig. 4b SEA - Teaching/Training Activities Breakdown**



**Fig. 5a SEA - Strength of Network Connections**



**Fig. 5b SEA - Network Connections Breakdown**

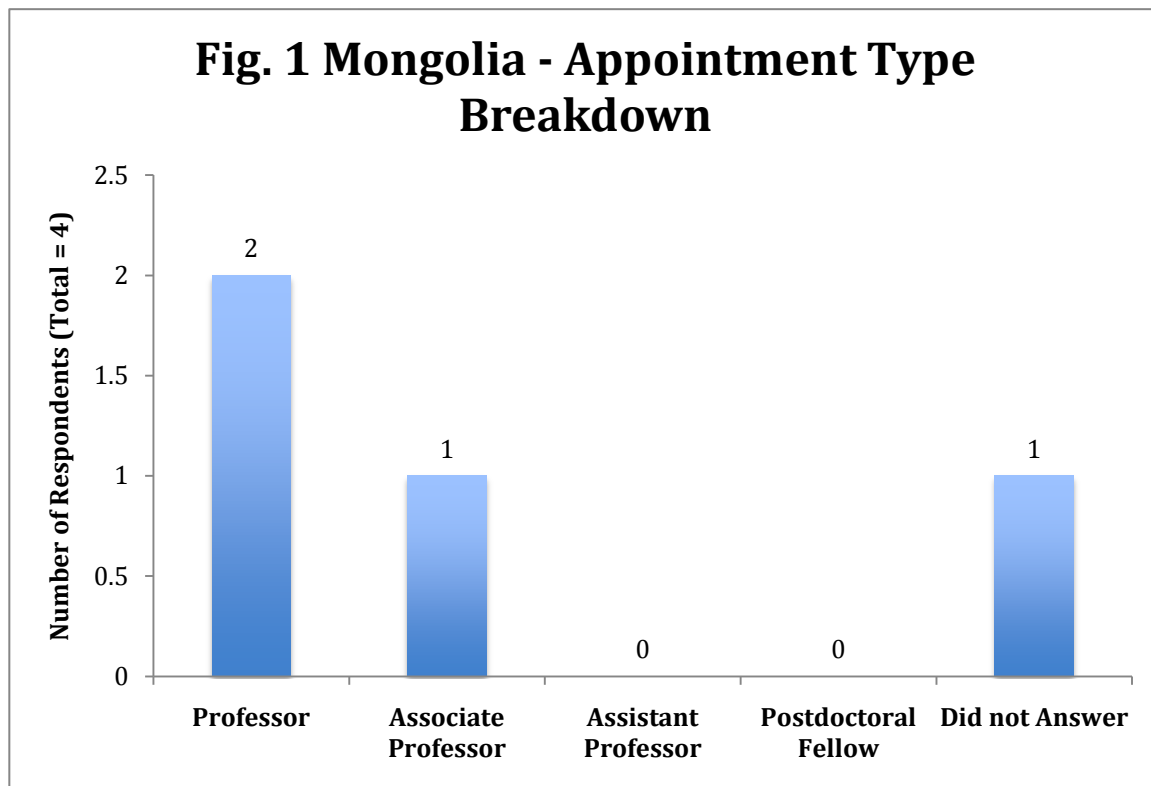


### ***Mongolia – Category 1 Faculty Survey***

The Category 1 Mongolia survey was fully completed by 4 UBC faculty or staff members.

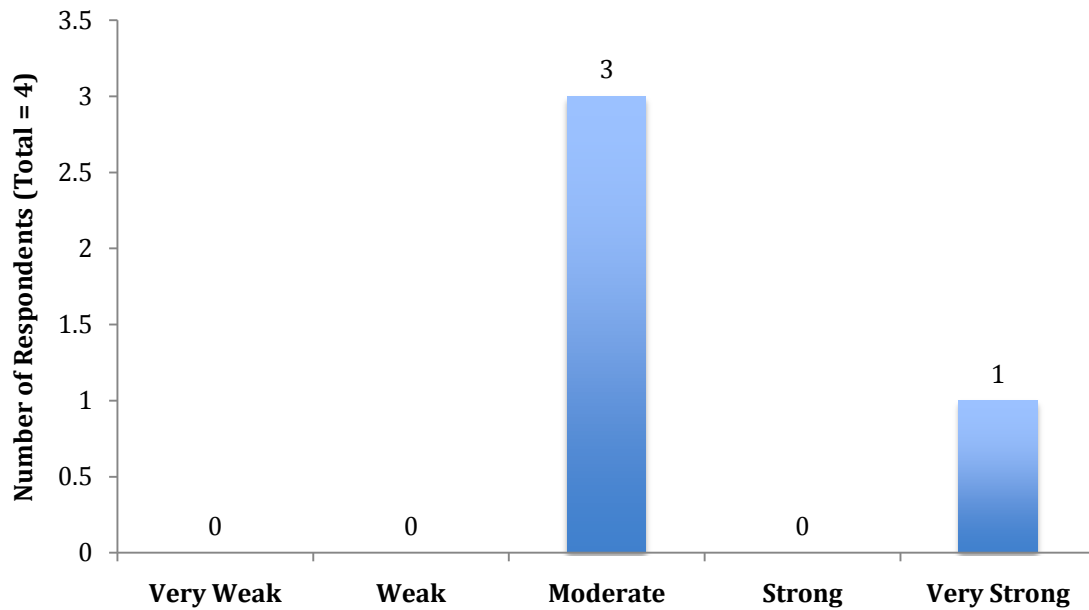
Table 1. List of departments from which the Category 1 Mongolia survey received the most responses.

Department Name	Number of Responses
Interdisciplinary Studies - IAR	2
Applied Science - Engineering (mining)	1
Arts - Political Science	1

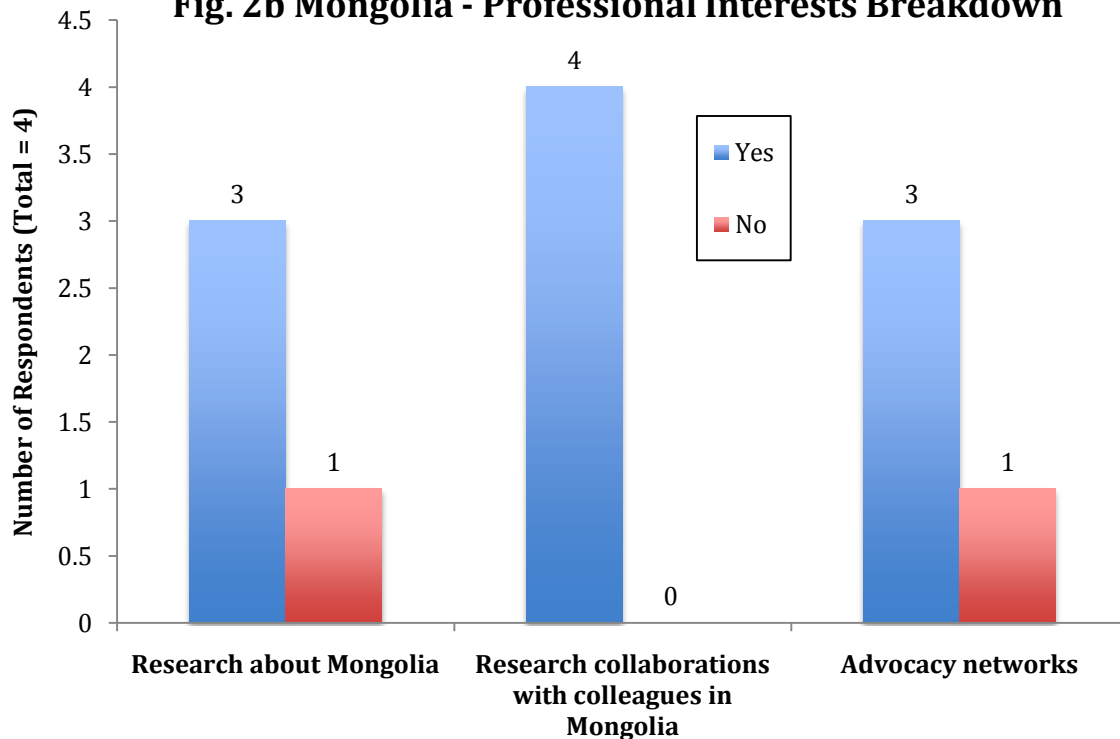


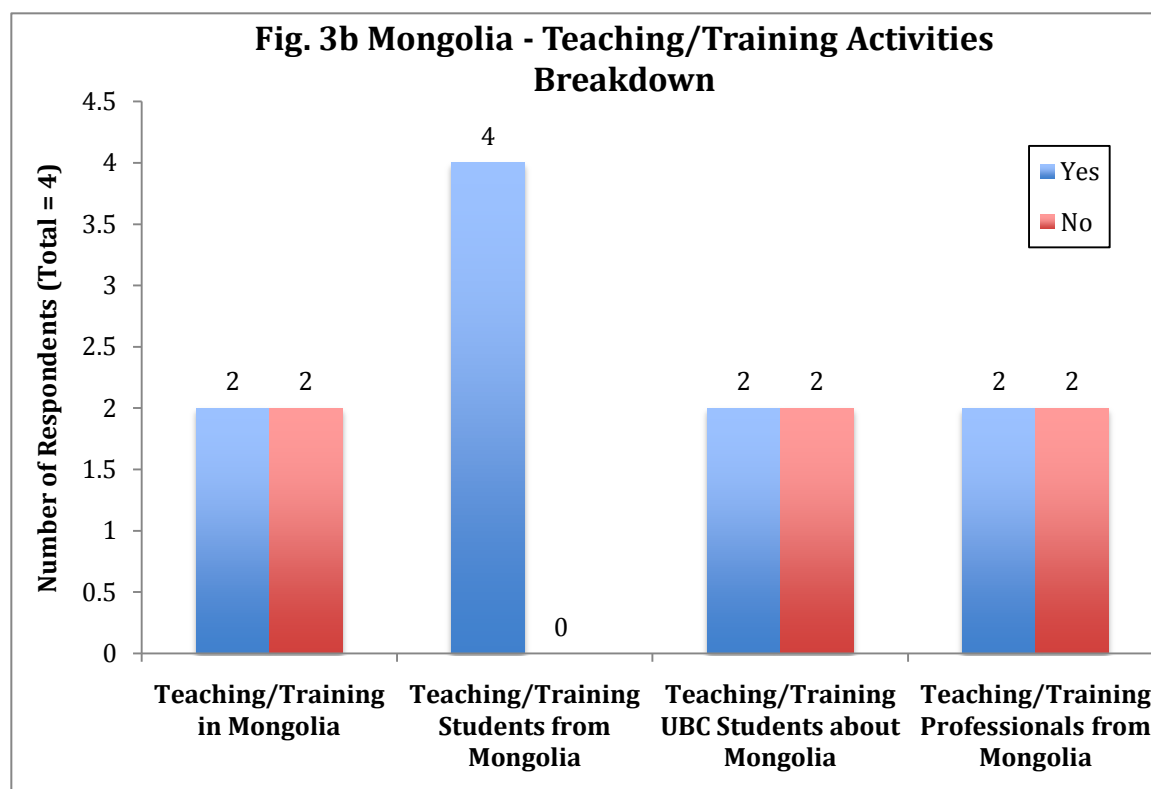
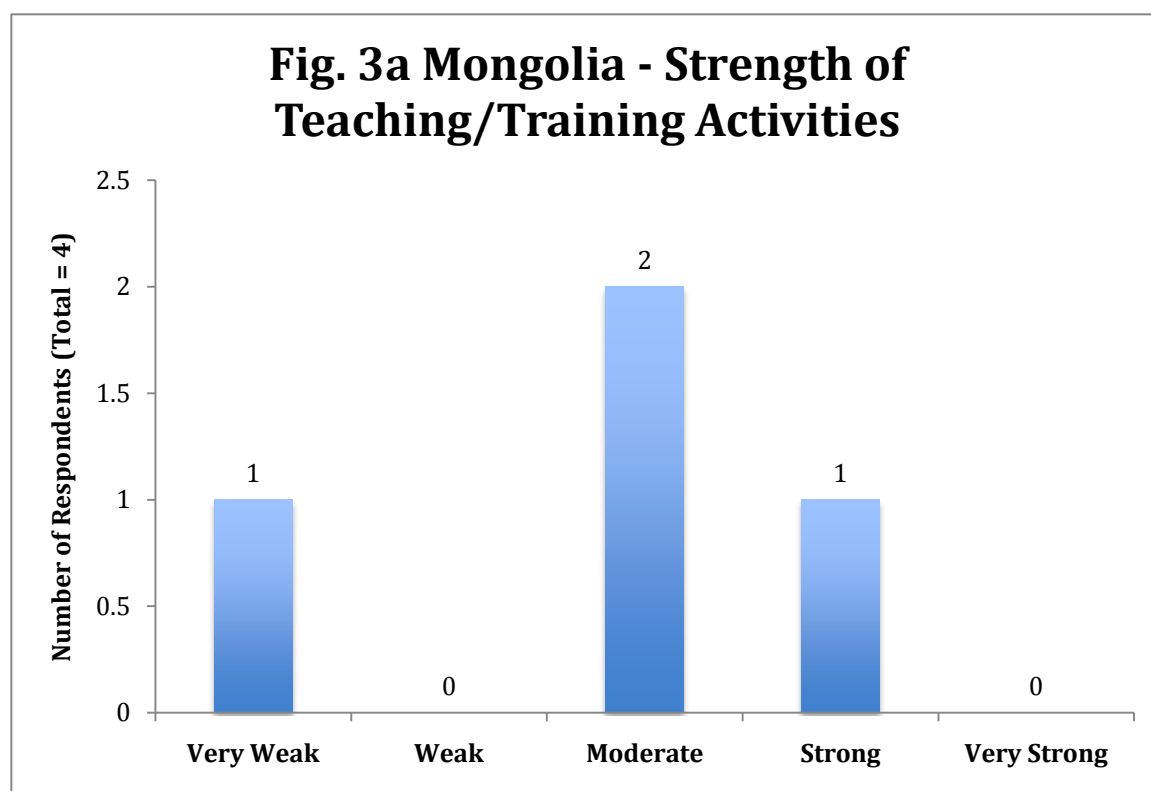


**Fig. 2a Mongolia - Strength of Professional Interests**

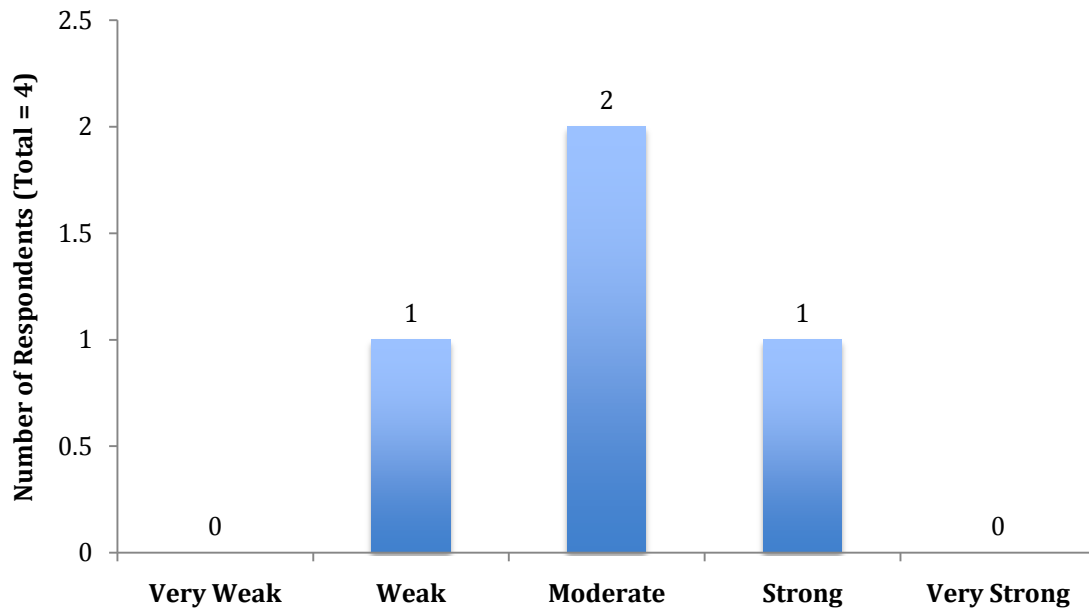


**Fig. 2b Mongolia - Professional Interests Breakdown**

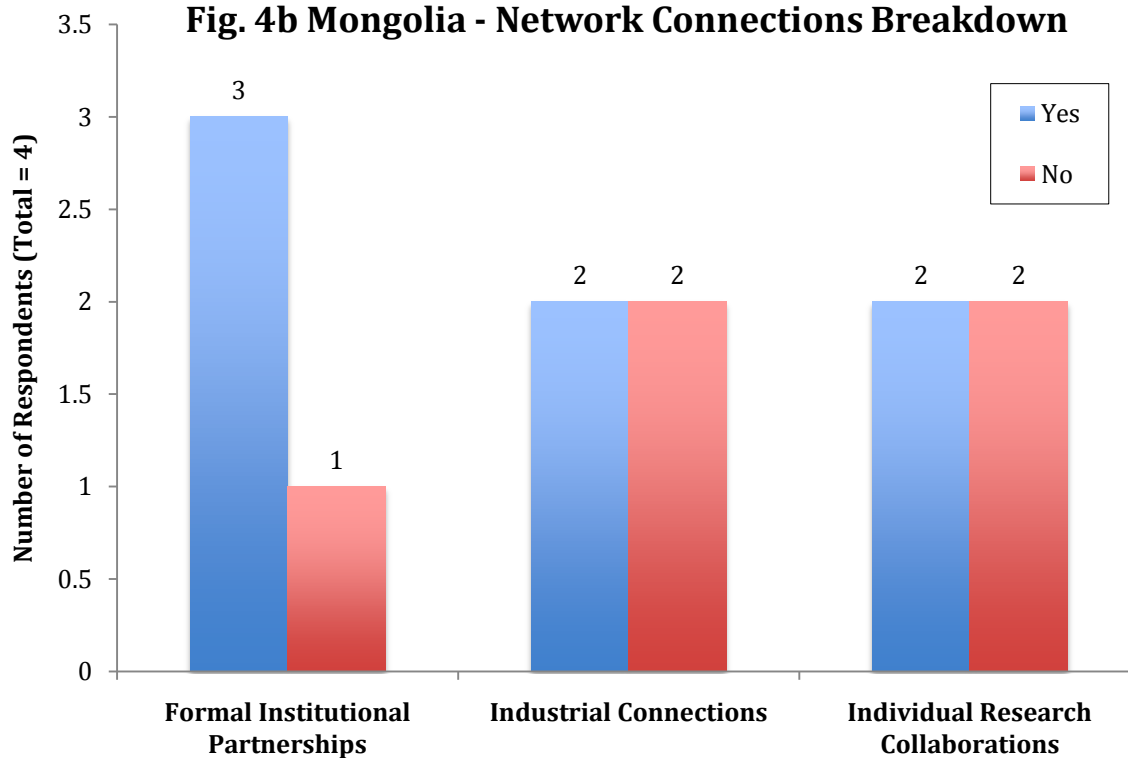




**Fig. 4a Mongolia - Strength of Network Connections**



**Fig. 4b Mongolia - Network Connections Breakdown**



## Digital Map of Faculty Responses

Sometimes survey respondents provided extra written detail about their activities in Asia. Certain respondents gave specific geographic locations and/or details about collaborations or other activities. Selected information has been mapped onto an online Google Map file.

A screenshot of the overall map, as well as a legend for the map marker colour-coding is provided on the following page. The purpose of this screenshot is to give the reader a feel for UBC connections in Asia. However, the annotated Google map is designed specifically for online viewing, not for hard copy printing. It thus contains many details that cannot be properly represented in print form (for example, the online map allows a viewer to zoom in for further detail or to read about faculty activities). It is thus highly recommended that readers go to the following links to view the map in its intended form.

Overall Map of the Asia Census Project: <http://bit.ly/b1Kbv1>

Map for the China Census Results Only: <http://bit.ly/aTDO1C>

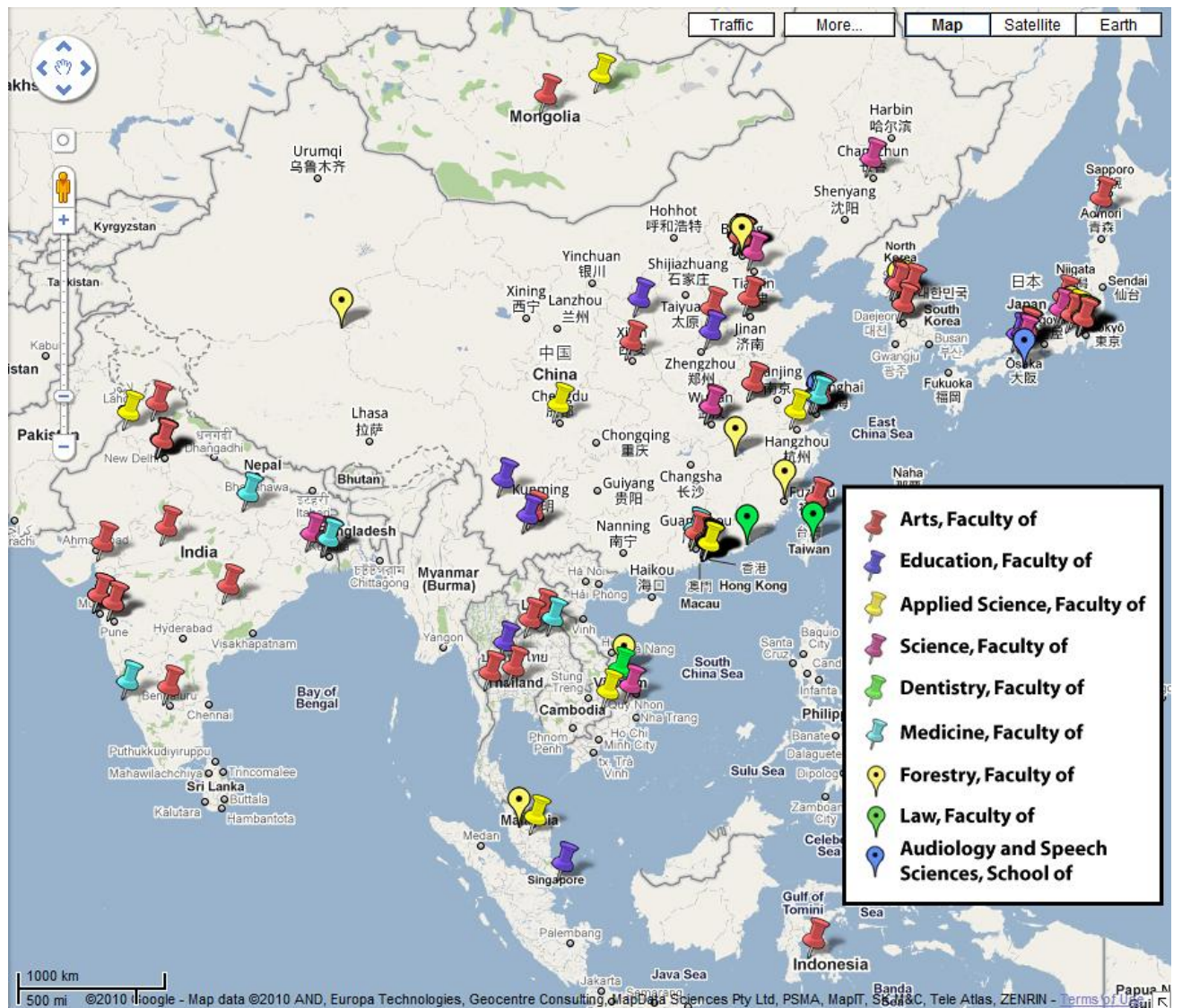
Map for the India Census Results Only: <http://bit.ly/an9EKh>

Map for the SEA Census Results Only: <http://bit.ly/aH13kt>

Map for the Korea Census Results Only: <http://bit.ly/ahLJmY>

Map for the Japan Census Results Only: <http://bit.ly/d1PdIK>

Map for the Mongolia Census Results Only: <http://bit.ly/cdNP7p>



## **Part Three**

### **Description of Findings: PhD Student and Postdoctoral Fellows**

#### ***How many unique individuals completed the Category 2 census?***

398 people began the survey. However, of that number, only 344 fully completed the survey.

#### ***How many respondents said they had no connection to Asia?***

121 people stated that they had no connection to any of the six regions of Asia.

#### ***Overall Breakdown of Responses***

<b>Response</b>	<b>Number of Responses</b>
I have no connection to any of these places	121
China	114
Japan	84
Southeast Asia	40
India	39
Korea	27
Mongolia	10

#### ***What was the breakdown of Ph.D versus Postdoc?***

<b>Category</b>	<b>Number</b>
Ph.D Student	377
Postdoctoral Fellow	18
Other*	2

*\* The 'other' responses were as follows: 1 unspecified, 1 'research associate*

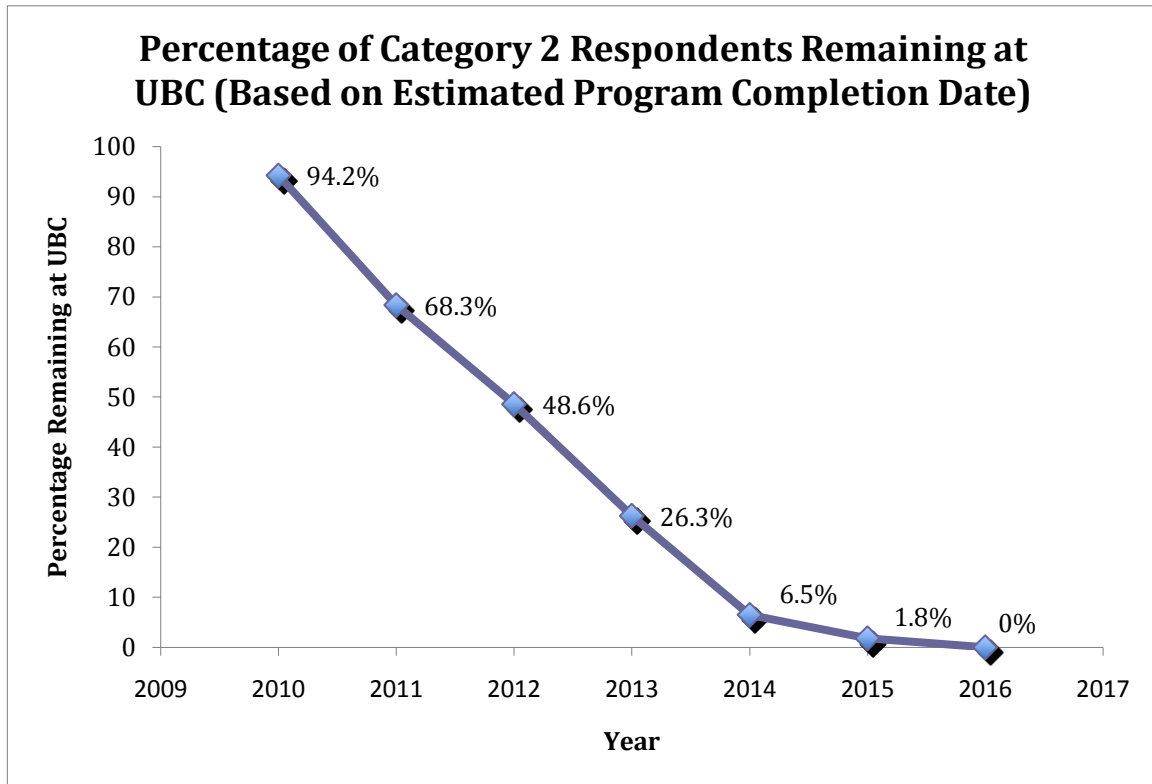
### *Language Abilities*

<b>Response</b>	<b>Number of Responses</b>	<b>Percentage of Total</b>
No other languages	264	61.4%
Mandarin	82	19.1%
Cantonese	23	5.3%
Japanese	23	5.3%
Korean	14	3.3%
Hindi	12	2.8%
Bahasa Indonesia	6	1.4%
Punjabi	4	0.9%
Urdu	4	0.9%
Vietnamese	1	0.2%
Thai	1	0.2%
Cambodian	0	0%
Tagalog	0	0%
Other*	54	12.6%

\* Please see Appendix 1, Table 3, for the breakdown of 'other' responses

***How long will the Category 2 census data remain current?***

The graph below demonstrates that by 2012, less than half of Category 2 respondents will still be at UBC. This means that the census results will not stay current for long. By conducting regular campus-wide surveys, UBC could help maintain a current database of faculty and students active internationally.





### ***China – Category 2 PhD/Postdoc Survey***

114 people selected China as a region of interest, but only 92 fully completed the China section of the Category 2 survey.

Table 1. Breakdown of all Category 2 respondents who selected China (but who may not have completed the entire survey on the region)

<b>Category</b>	<b>Number</b>
Ph.D Student	109
Postdoctoral Fellow	4
Research Associate	1

Table 2. List of departments from which the Category 2 China survey received the most responses.

<b>Department Name</b>	<b>Number of Responses</b>
Science - Chemistry	12
Arts - History	7
Applied Science - Engineering (ECE)	6
Arts - Asian Studies	5
Medicine - Experimental Med	5
Interdisciplinary Studies - Neuroscience	4
Science - EOS	4

Figure 1a. China - Strength of Professional Interests

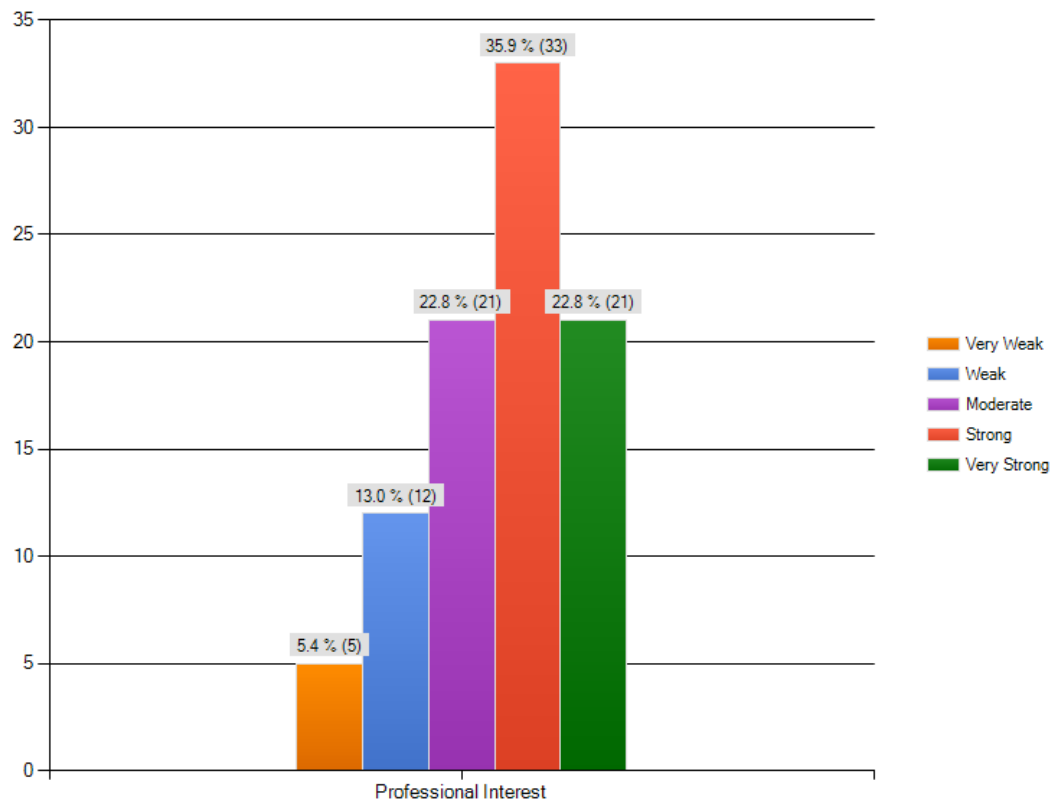


Figure 1b. China - Breakdown of Professional Interests

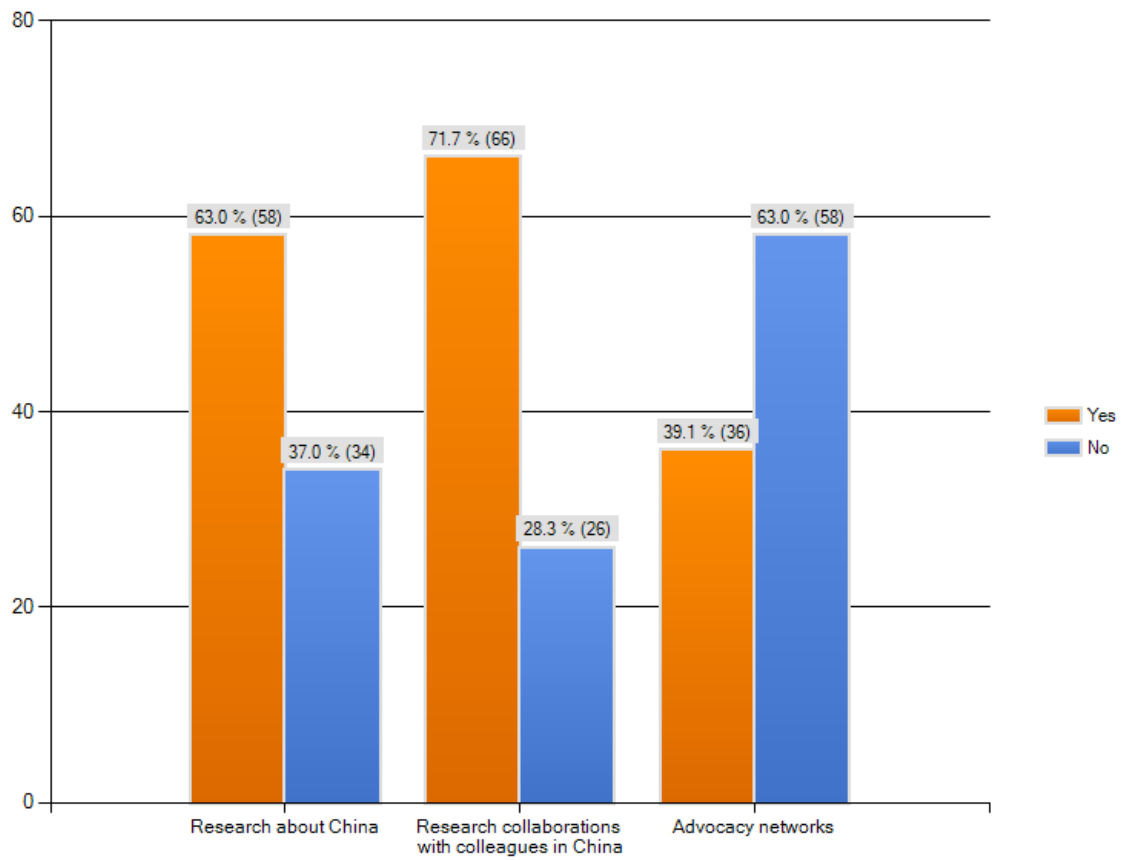


Figure 2a. China - Strength of Network Connections

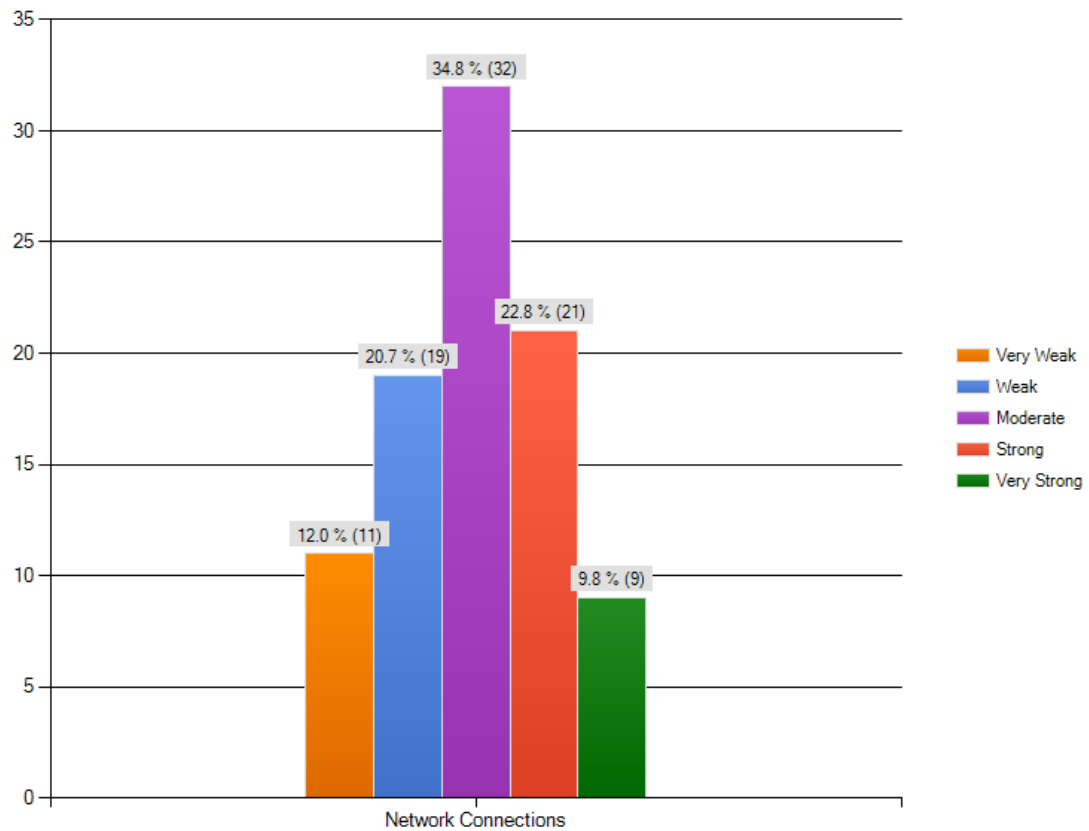
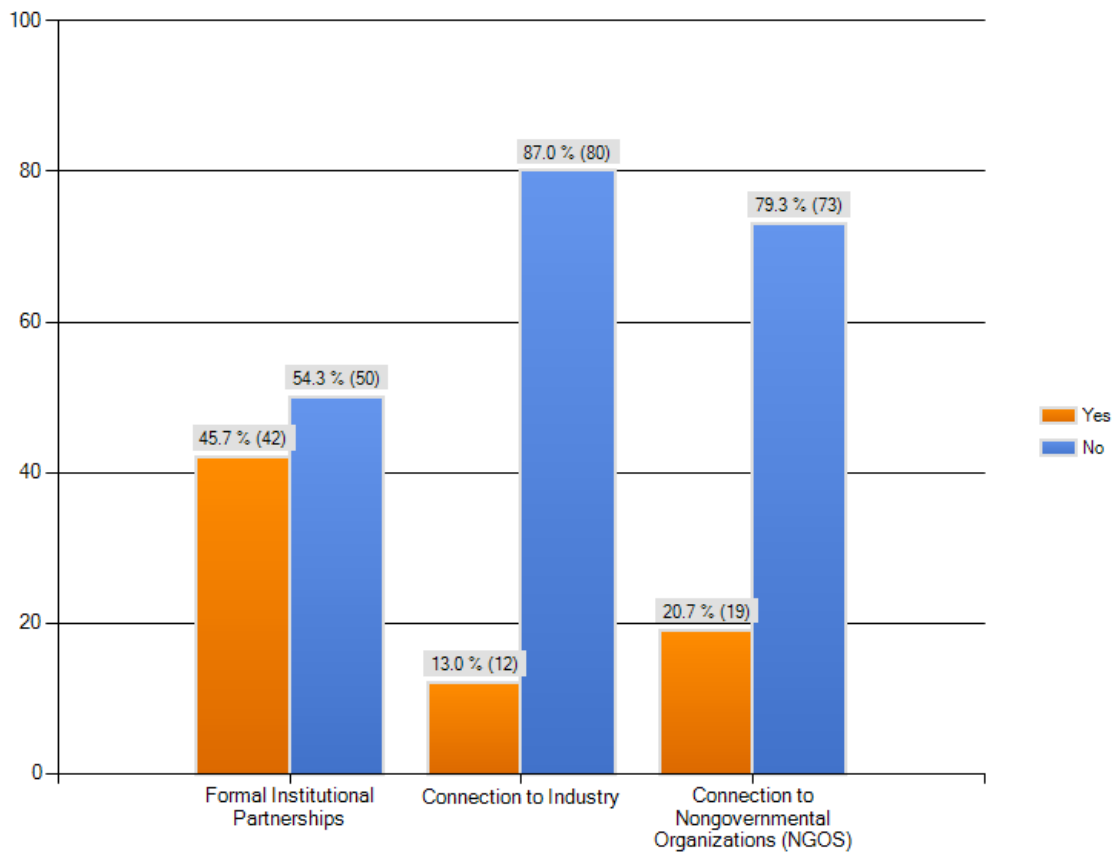


Figure 2b China - Breakdown of Network Connections



### ***India Category 2 PhD/Postdoc Survey***

39 people selected India as a region of interest, and all of them fully completed the India section of the Category 2 survey.

Table 1. Breakdown of all Category 2 respondents who selected India (but who may not have completed the entire survey on the region)

<b>Category</b>	<b>Number</b>
Ph.D Student	35
Postdoctoral Fellow	4

Table 2. List of departments from which the Category 2 India survey received the most responses.

<b>Department Name</b>	<b>Number of Responses</b>
Arts - History	3
Pharmaceutical Sciences	3
Science - Chemistry	2
Arts - Sociology	2
Law	2
Arts - Anthropology	2
Interdisciplinary Studies - IRES	2
Medicine - Cellular & Phys.	2

Figure 1a. India - Strength of Professional Interests

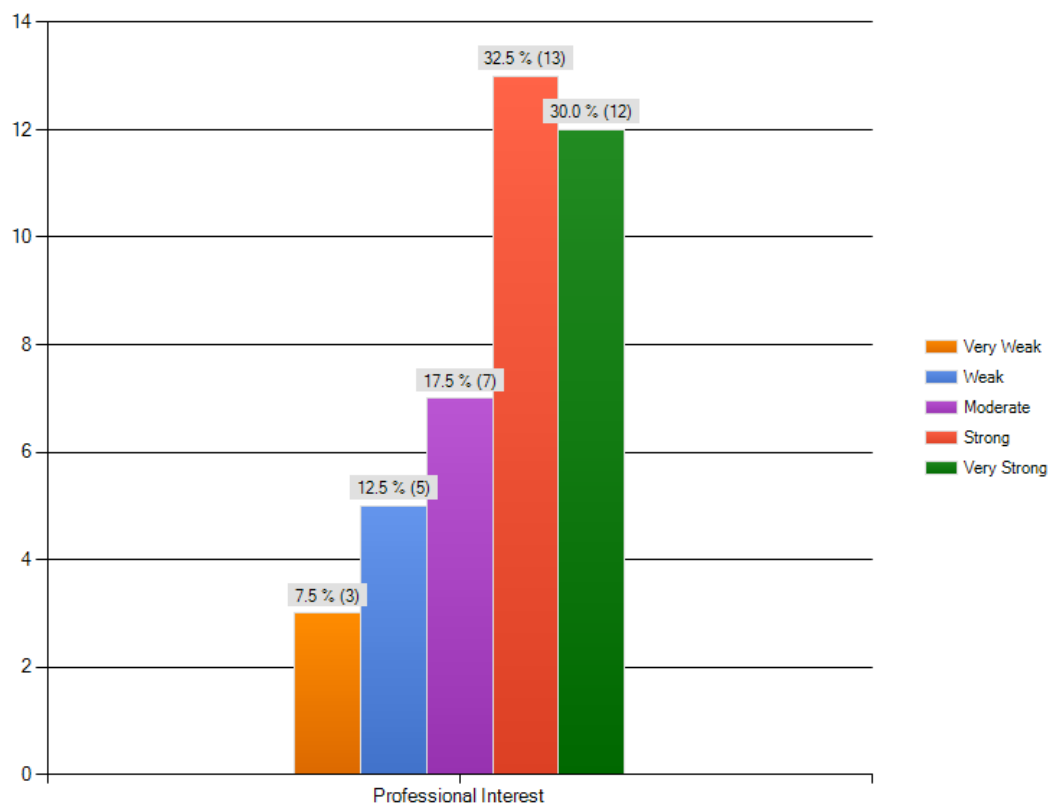


Figure 2a. India - Breakdown of Professional Interests

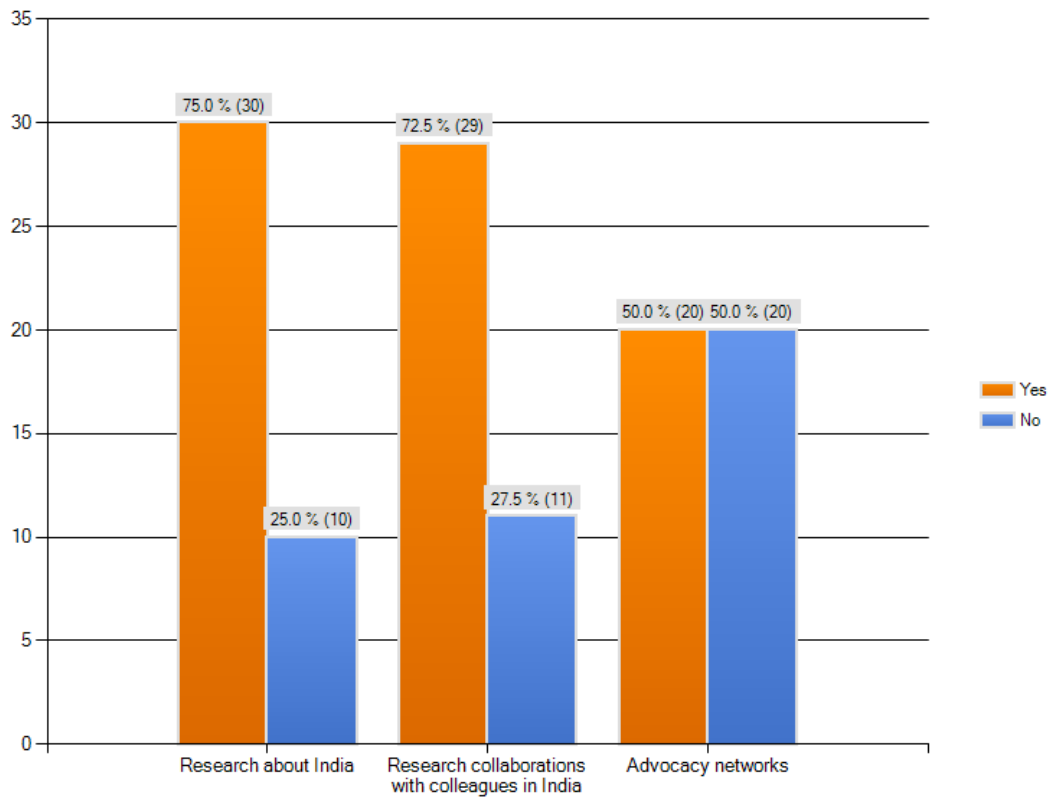




Figure 3b. India - Strength of Network Connections

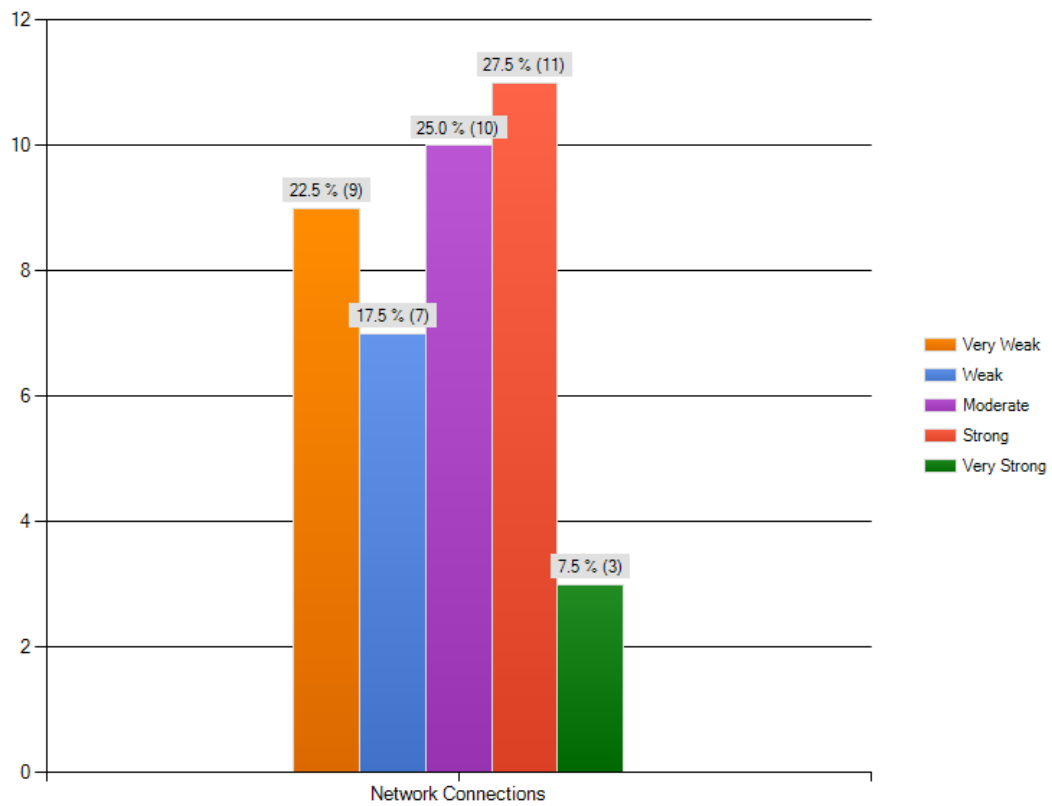
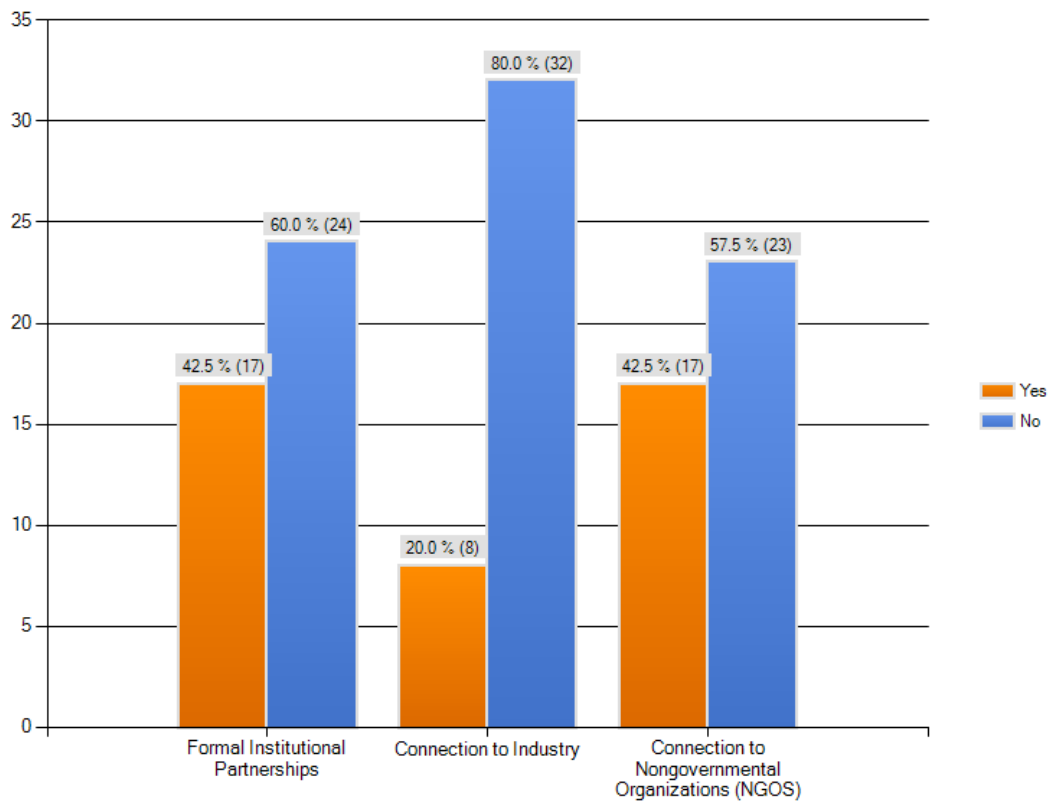


Figure 3b. India Breakdown of Network Connections



### ***Japan Category 2 PhD/Postdoc Survey***

84 people selected Japan as a region of interest. 74 of them fully completed the section of the survey on Japan.

Table 1. Breakdown of Respondents who selected Japan (but who may not have completed the entire survey on the region)

Category	Number
Ph.D Student	76
Postdoctoral Fellow	6

Table 2. List of departments from which the Category 2 Japan survey received the most responses.

Department Name	Number of Responses
Science - Chemistry	6
Applied Science - Engineering (ECE)	5
Arts - Asian Studies	5
Science - Math	5
Science - Computer Science	4
Science - Phys & Astron	4
Science - Zoology	3
Applied Science - Engineering (civil)	3
Interdisciplinary Studies - Neuroscience	3

Figure 1a. Japan - Strength of Professional Interests

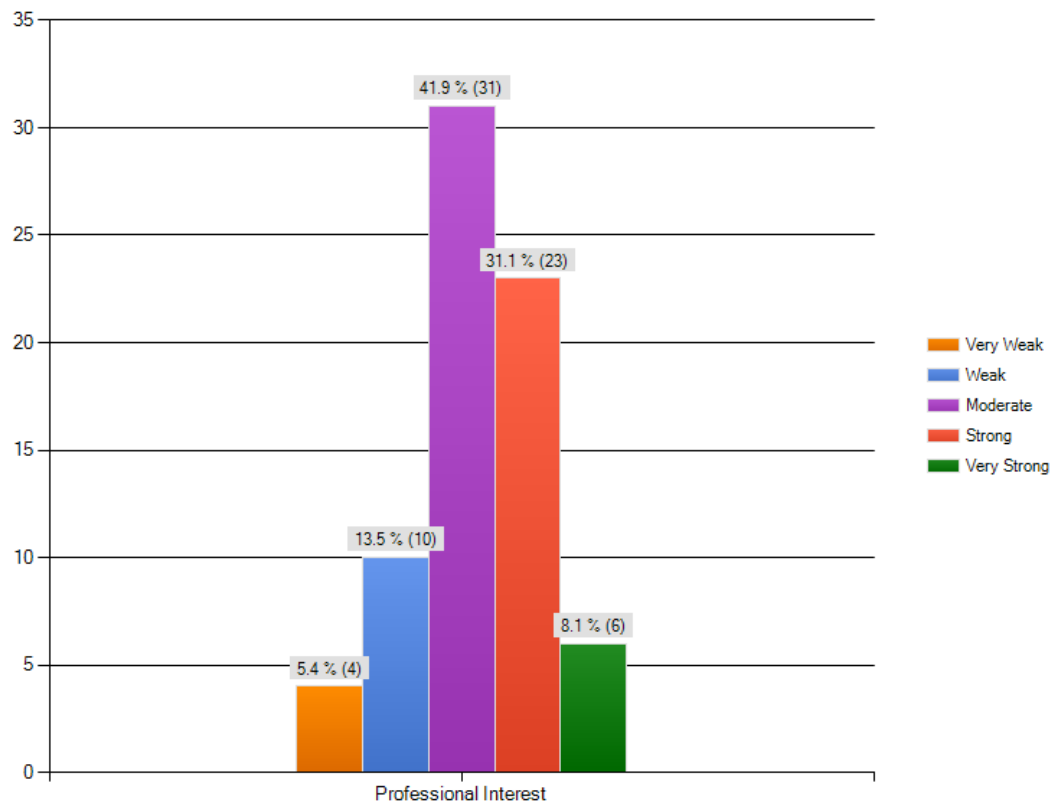


Figure 2b. Japan - Breakdown of Professional Interests

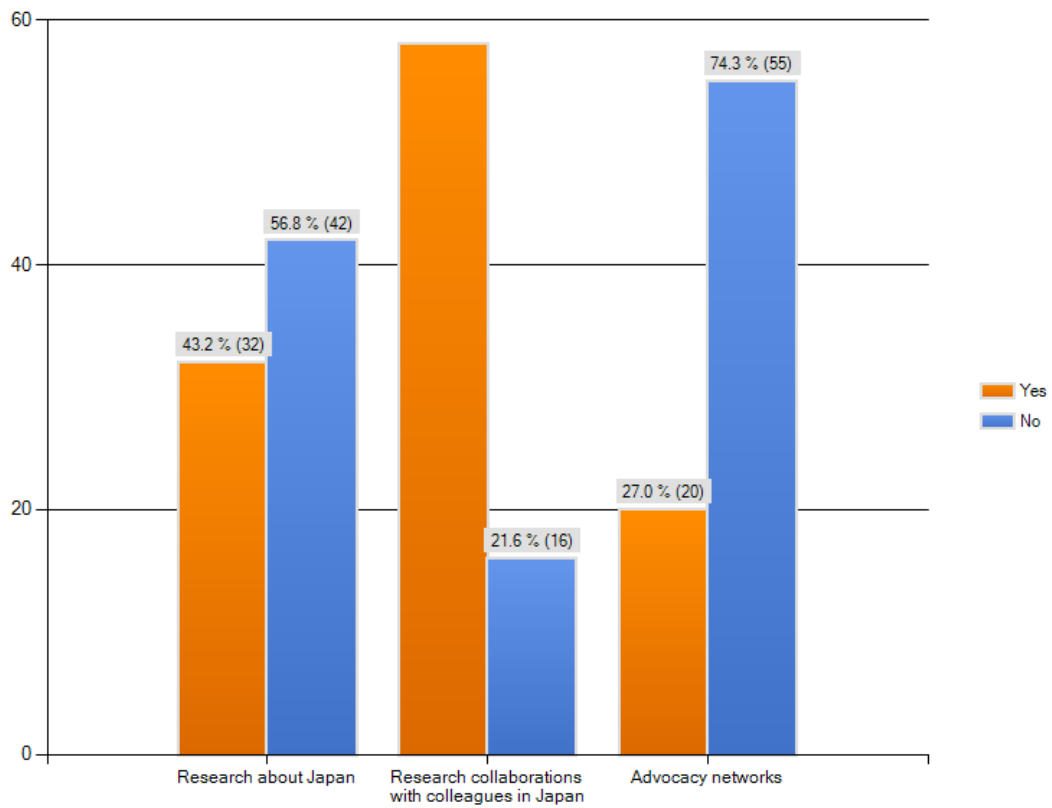


Figure 2a. Japan - Strength of Network Connections

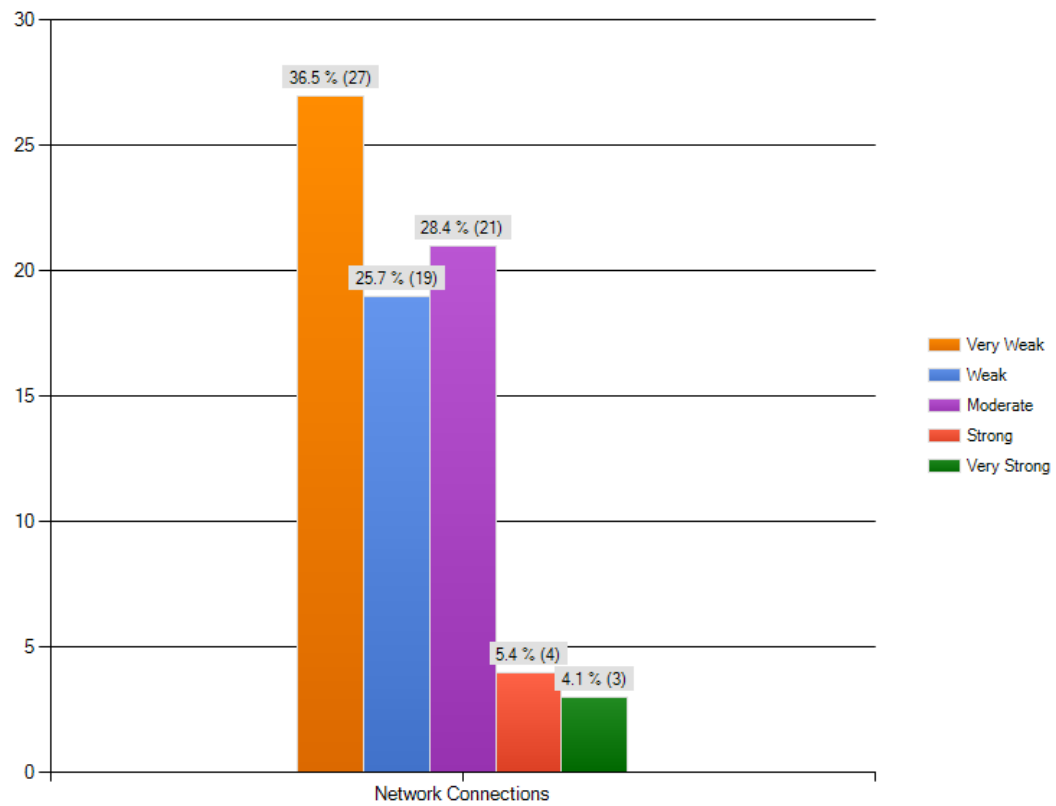
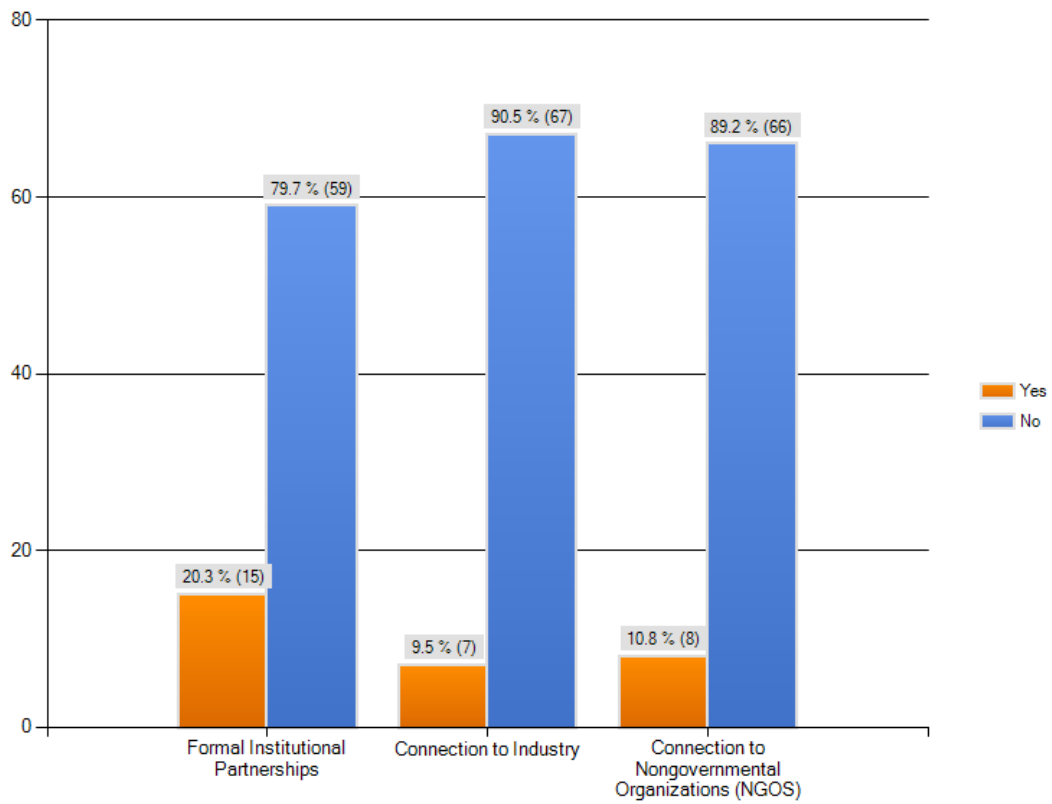


Figure 2b. Japan - Breakdown of Network Connections



### ***Korea Category 2 PhD/Postdoc Survey***

27 people selected Korea as an area of interest. 23 of them fully completed the section of the survey on Korea.

Table 1. Breakdown of Respondents who selected Korea (but who may not have completed the entire survey on the region)

Category	Number
Ph.D Student	25
Postdoctoral Fellow	2

Table 2. List of departments from which the Category 2 Korea survey received the most responses.

Department Name	Number of Responses
Arts - Asian Studies	4
Forestry - Wood Science	2
Education - EDCP	2
Education - LLED	2
Arts - Sociology	2
Forestry - Resource Management	2
Interdisciplinary Studies	2



Figure 1a. Korea - Strength of Professional Interests

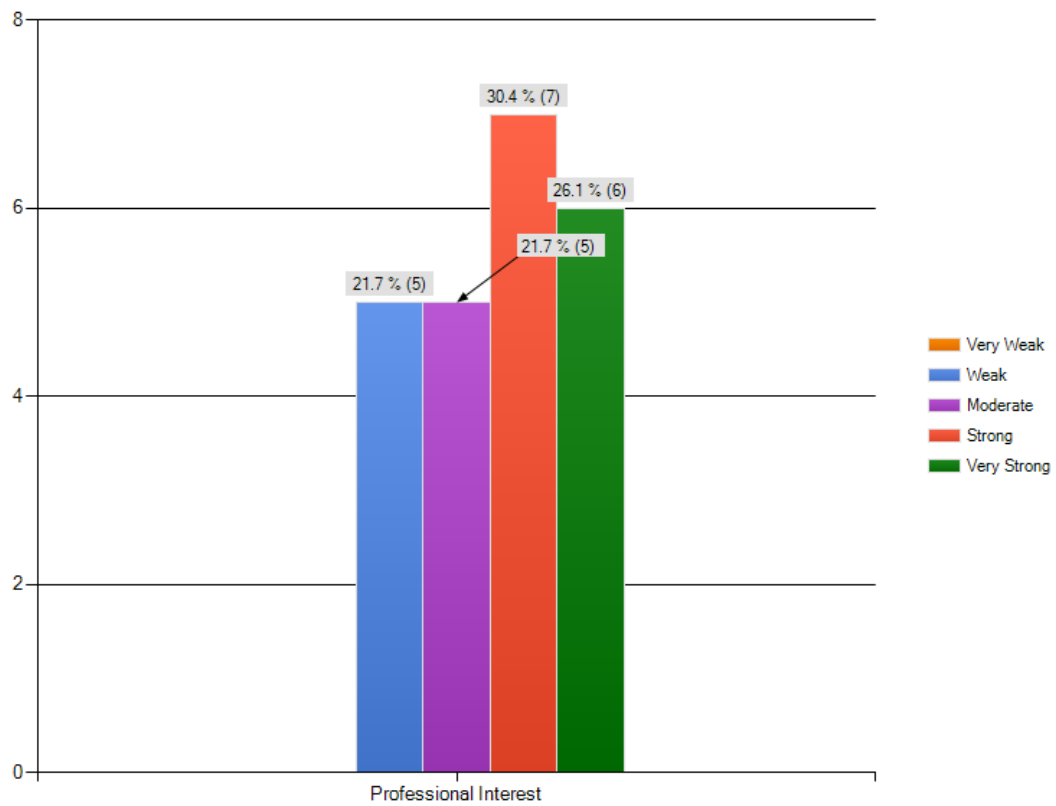


Figure 1b. Korea - Breakdown of Professional Interests

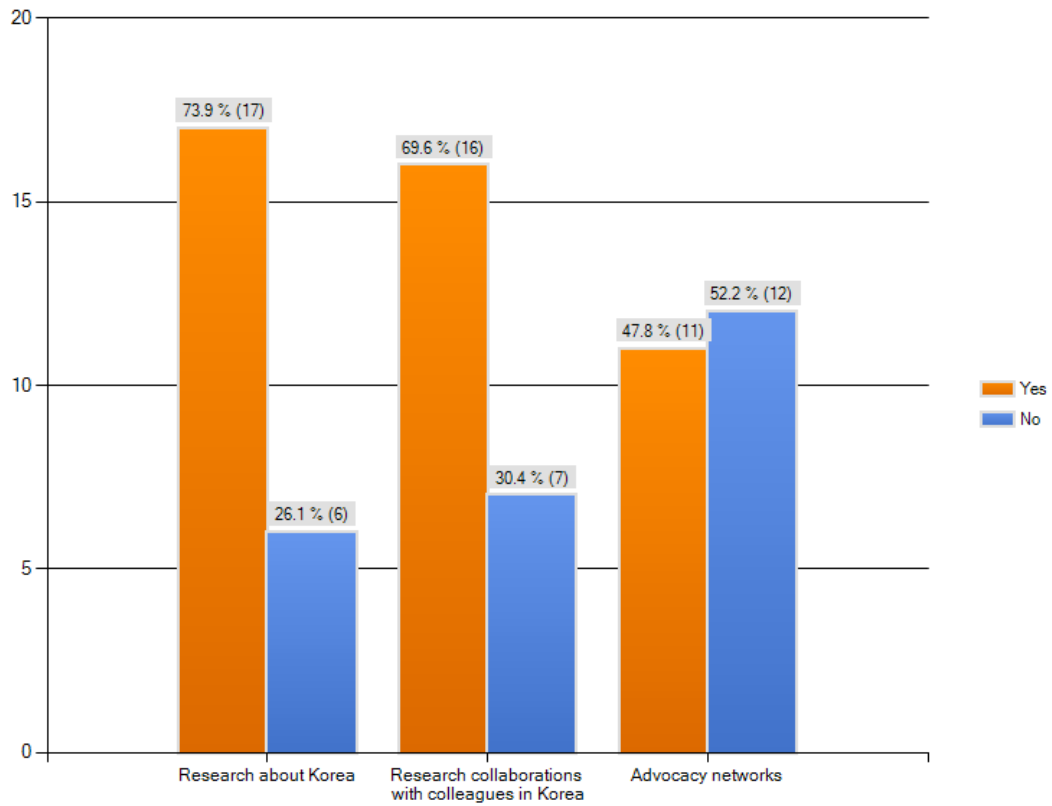


Figure 2a. Korea - Strength of Network Connections

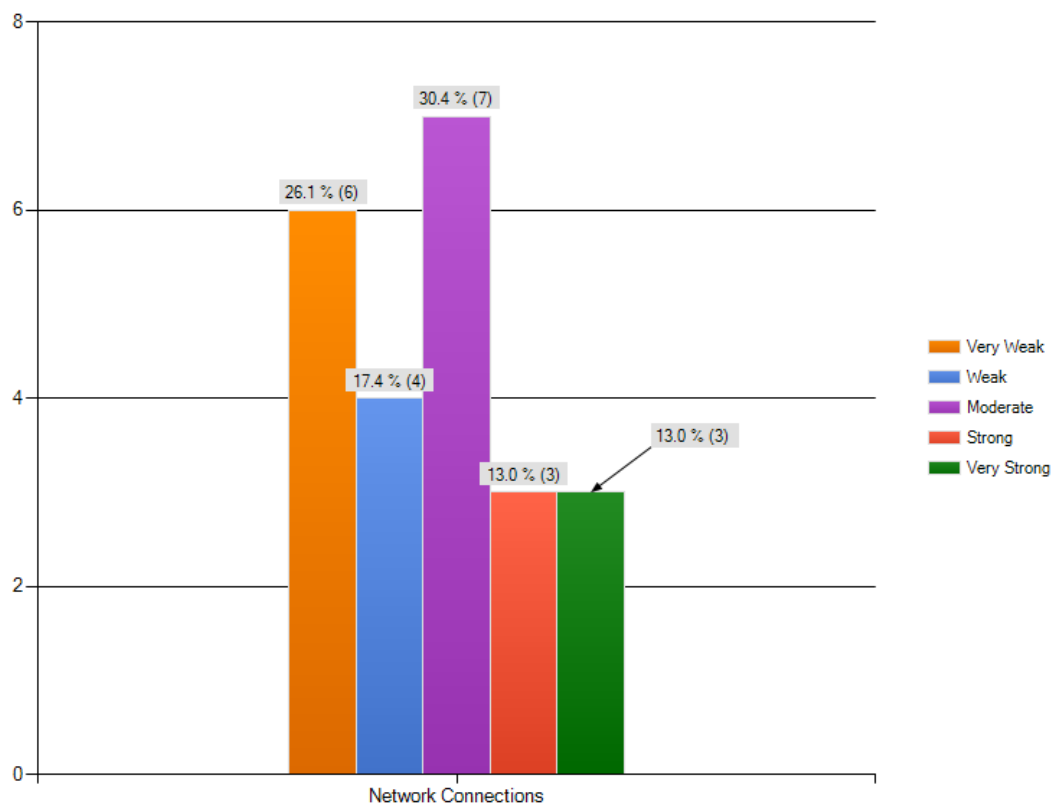
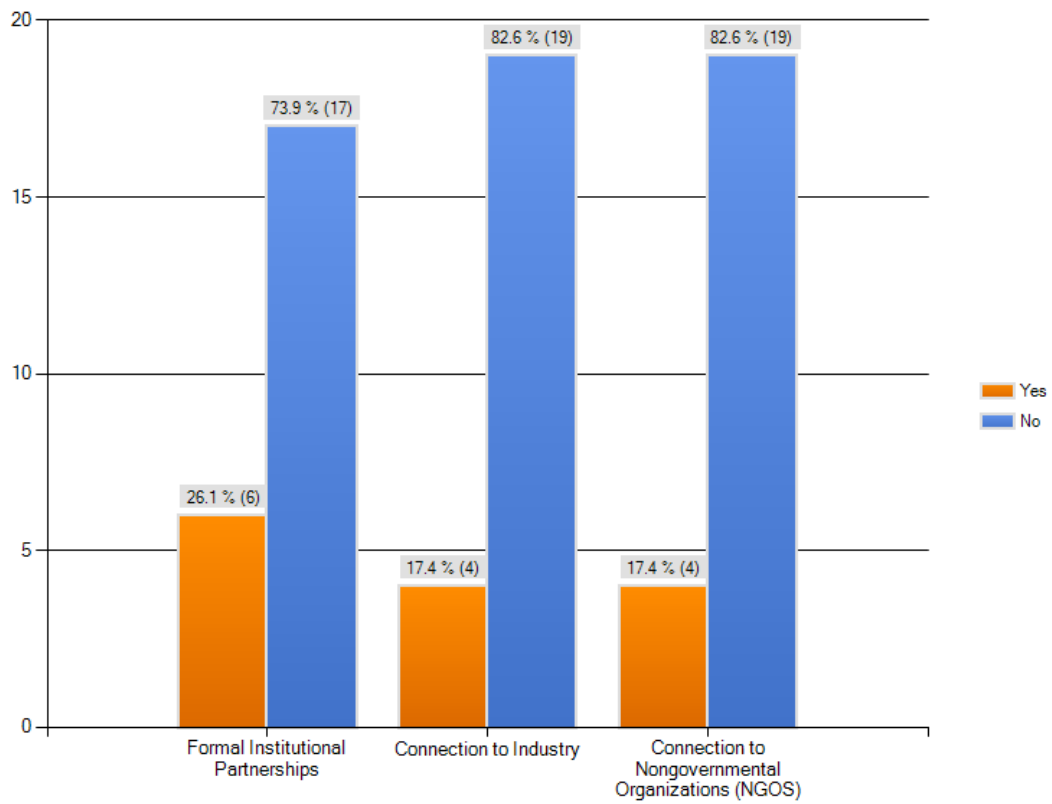


Figure 2a. Korea - Breakdown of Network Connections



### ***SEA Category 2 PhD/Postdoc Survey***

40 people selected SEA as a region of interest. 35 of them fully completed the section of the survey on SEA.

Table 1. Breakdown of respondents who selected SEA (but who may not have completed the entire survey on the region)

Category	Number
Ph.D Student	39
Postdoctoral Fellow	1

Table 2. List of departments from which the Category 2 SEA survey received the most responses.

Department Name	Number of Responses
Science - Zoology	3
Interdisciplinary Studies	2
Arts - Political Science	2
Interdisciplinary Studies - IRES	2
Science - Computer Science	2
Medicine - Medical Genetics	2
Medicine - SPPH	2
Applied Science - Engineering (mining)	2

Figure 1. Areas of Interest in SEA

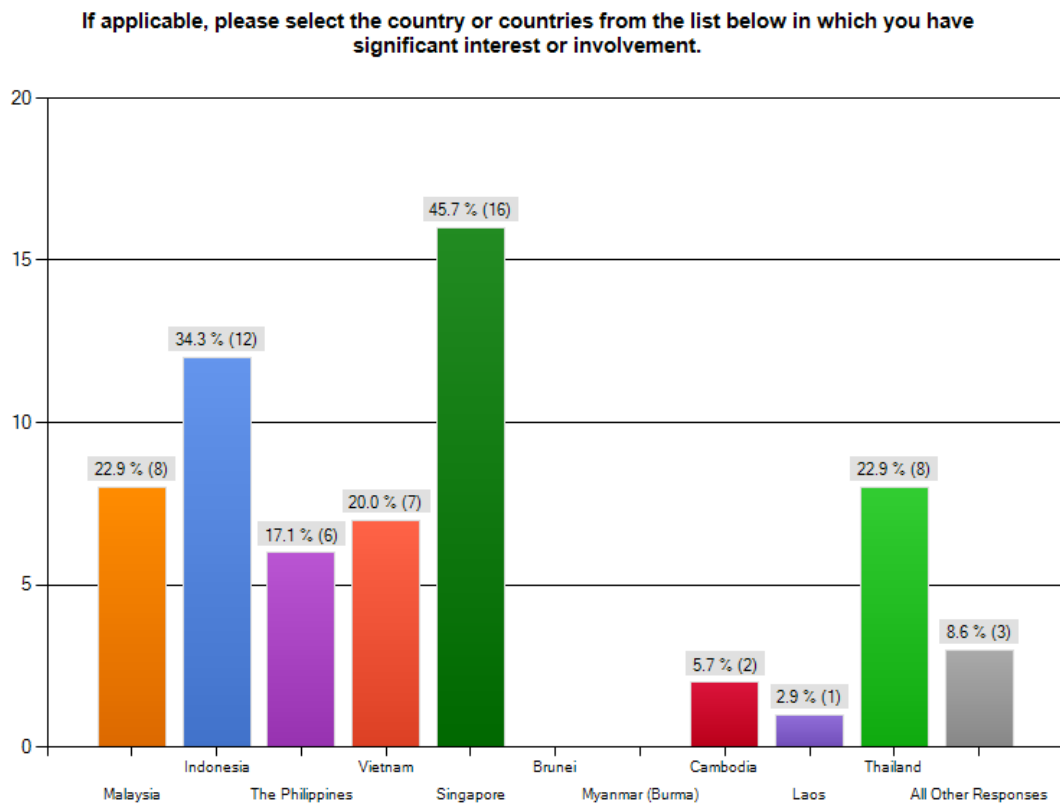


Figure 2a. SEA - Strength of Professional Interests

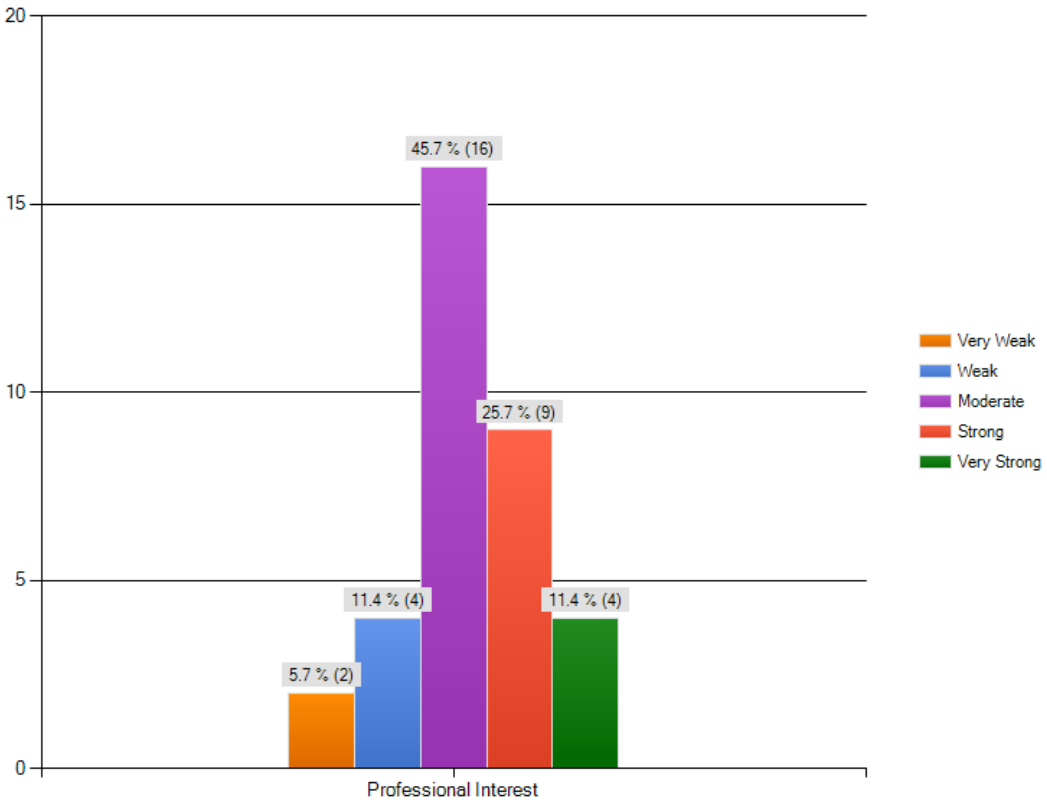


Figure 2b. SEA - Breakdown of Professional Interests

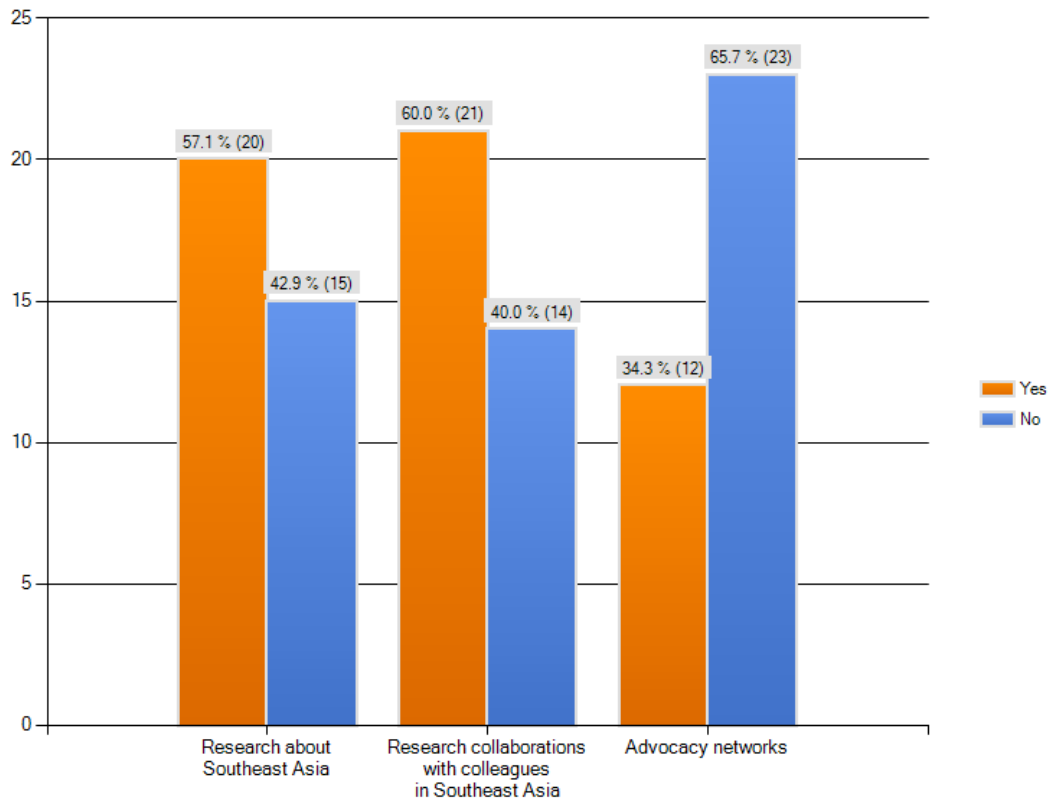




Figure 3a. SEA - Strength of Network Connections

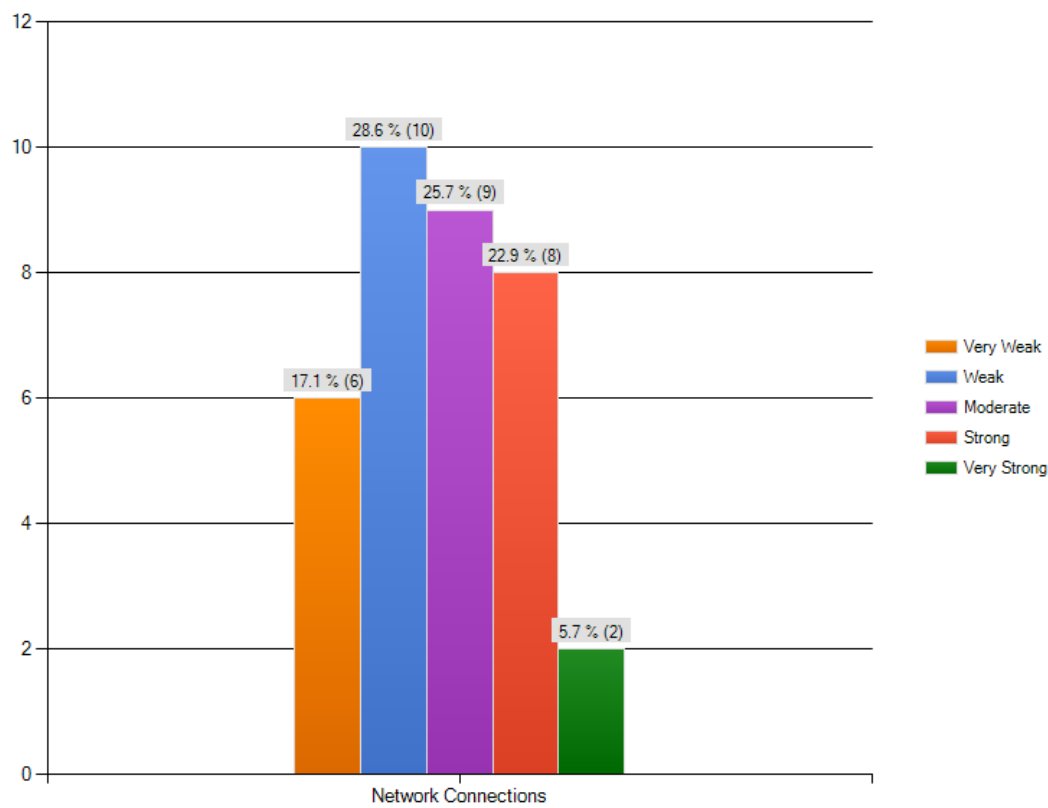
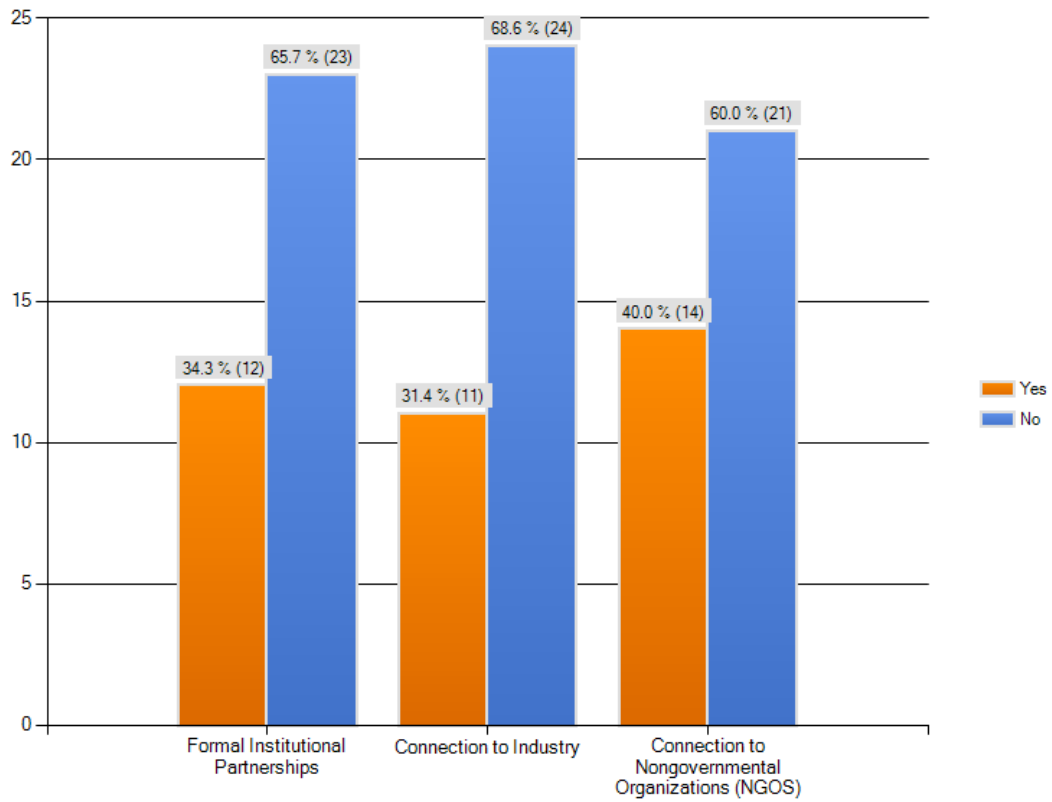


Figure 3b. SEA - Breakdown of Network Connections



### ***Mongolia Category 2 PhD/Postdoc Survey***

10 people selected Mongolia as a region of interest, but only 8 fully completed the survey on the region.

Table 1. Breakdown of respondents for Mongolia (but who may not have completed the entire survey on the region)

Category	Number
Ph.D Student	9
Postdoctoral Fellow	1

Table 2. List of departments from which the Category 2 Mongolia survey received the most responses.

Department Name	Number of Responses
Applied Science - Engineering (mining)	2
Arts - Asian Studies	1
Arts - History	1
Forestry - Wood Science	1
Education - EDCP	1
Science - EOS	1
Arts - Anthropology	1
Medicine - Cellular & Phys.	1
Applied Science - Engineering (Chem & Bio)	1
Arts - Classical, Near Eastern & religion	1
Arts - SLAIS	1

Figure 1a. Mongolia - Strength of Professional Interests

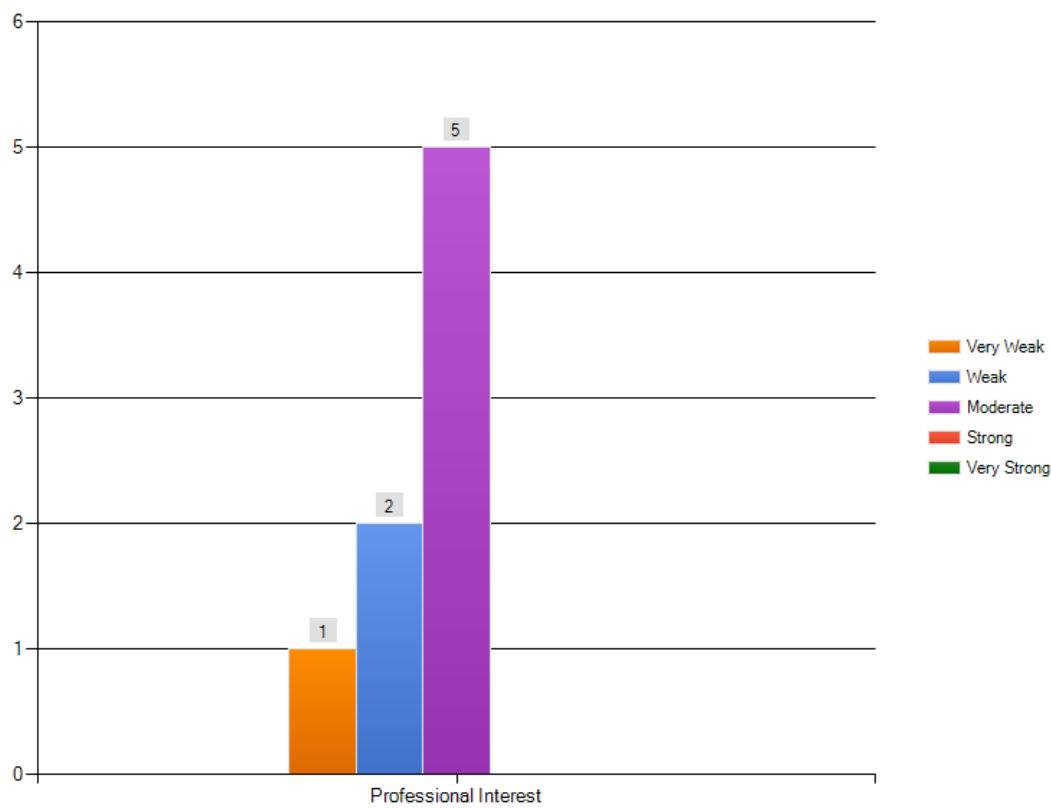


Figure 1b. Mongolia - Breakdown of Professional Interests

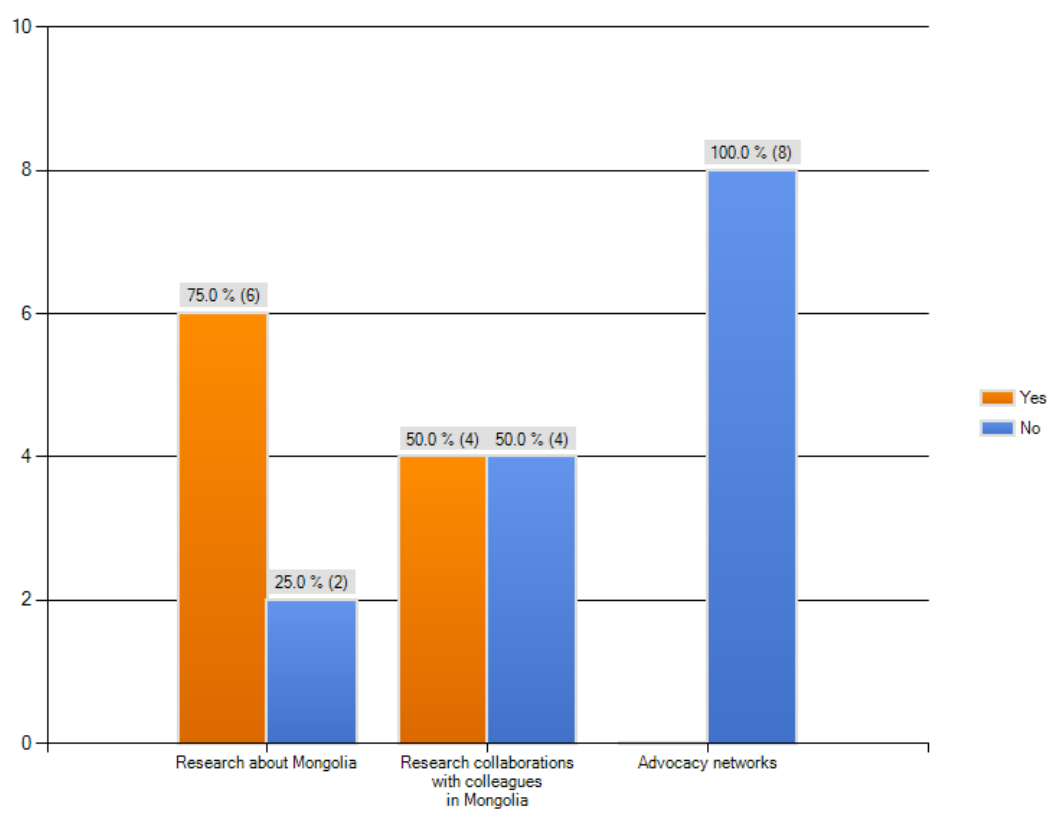


Figure 2a. Mongolia - Strength of Network Connections

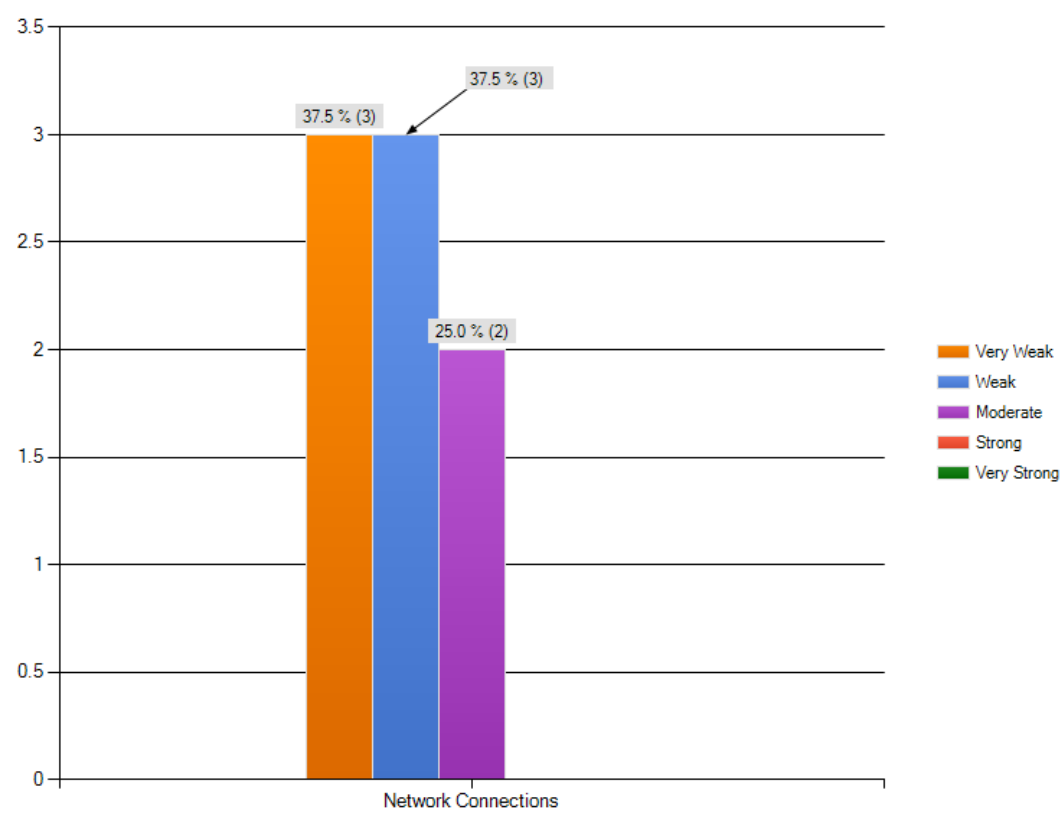
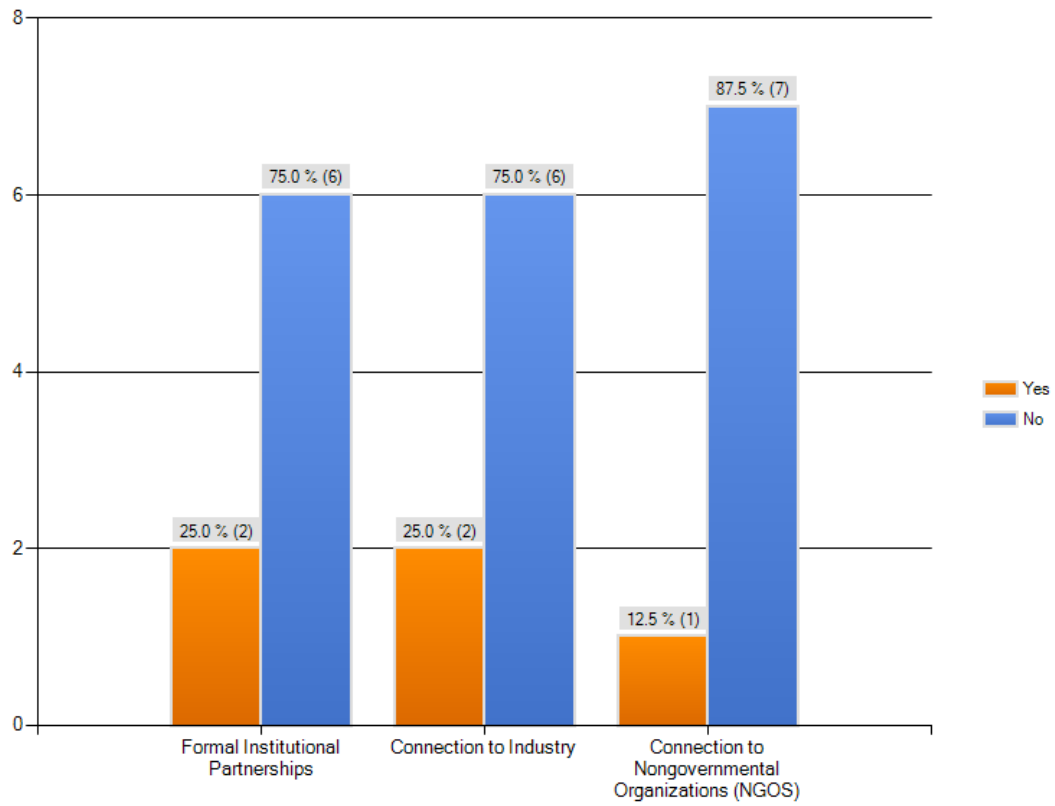


Figure 2b. Mongolia - Breakdown of Network Connections



## Appendix 1 – Departmental Breakdowns for Categories 1 & 2

Table 1. Category 1 Overall Departmental Break down of Responses

Department Name	Number of Responses
Arts - Asian Studies	29
Business - Sauder	16
Interdisciplinary Studies - IAR	14
Interdisciplinary Studies - SCARP	10
Arts - Geography	10
Arts - Sociology	9
Arts - History	9
Applied Science - Engineering (ECE)	9
Education - EDST	8
Education - EDCP	8
Arts - Political Science	7
Arts - Anthropology	7
Science - Math	7
Applied Science - Nursing	7
Land and Food Systems	6
Education - LLED	6
Science - Chemistry	6
Medicine - Psychiatry	5
Science - Phys & Astron	5
Arts - Critical Studies (Okanagan)	5
Arts - Economics	5
Science - Computer Science	5
Arts - Music	4
Science - EOS	4
Forestry - Forest Sciences	4
Applied Science - Engineering (civil)	3
Audiology and Speech Sciences	3



Arts - Art History	3
Law	3
Forestry - Resource Management	3
Interdisciplinary Studies - Fisheries Centre	3
Dentistry	3
Medicine	3
Medicine - SPPH	3
Applied Science - Engineering (mining)	2
Forestry	2
Applied Science - Engineering (Okanagan)	2
Applied Science - Engineering (Chem & Bio)	2
Architecture	2
Science - Micro & Immuno	2
Medicine - Family Practice	2
Interdisciplinary Studies - Liu Inst.	2
Education - HKIN	2
Education - ECPS	2
Medicine - Dermatology	2
Applied Science - Engineering (mech)	2
Arts - Social Work	2
Arts - Women's & Gender Studies	1
Arts - Psychology	1
Medicine - Cellular & Phys.	1
Science - Animal Science	1
Applied Science - Engineering (materials)	1
Arts - Linguistics	1
Education - Okanagan	1
Medicine - Surgery	1
Pharmaceutical Sciences	1
Arts - English	1

Arts - Theatre and Film	1
Business - Fac of Management (Okanagan)	1
Interdisciplinary Studies - Environmental Health, School of	1
Medicine - eHealth Office	1
Medicine - Faculty Development	1
Medicine - Occupational Therapy	1
Medicine - Pathology & Lab Med	1
Science - Eart & Enviro Sciences (okanagan)	1
Science - Zoology	1
Arts - CENES	0
Arts - Classical, Near Eastern & religion	0
Arts - French/Hisp/Ital Studies	0
Arts - SLAIS	0
Forestry - Wood Science	0
Interdisciplinary Studies	0
Interdisciplinary Studies - IRES	0
Interdisciplinary Studies - Michael Smith Labs	0
Interdisciplinary Studies - Neuroscience	0
Interdisciplinary Studies - Oncology	0
Medicine - Biochem & Molec Bio	0
Medicine - Experimental Med	0
Medicine - Medical Genetics	0
Medicine - Opthamology	0
Medicine - Orthopedics	0
Medicine - Pediatrics	0
Medicine - Rehabilitation	0
Science - Statistics	0

Table 2. Category 2 Overall Departmental Breakdown of Responses

Department Name	Number of Responses
Science - Chemistry	20
Arts - Asian Studies	12
Arts - History	11
Applied Science - Engineering (ECE)	11
Science - Zoology	9
Medicine - Experimental Med	9
Science - Computer Science	8
Arts - Sociology	7
Science - Math	7
Science - EOS	6
Medicine - Medical Genetics	6
Law	6
Interdisciplinary Studies - Neuroscience	6
Science - Micro & Immuno	6
Medicine - Pathology & Lab Med	6
Science - Phys & Astron	6
Pharmaceutical Sciences	6
Applied Science - Engineering (mining)	5
Forestry - Wood Science	5
Education - EDCP	5
Arts - Political Science	5
Interdisciplinary Studies - IRES	5
Medicine - SPPH	5
Arts - Geography	5
Applied Science - Engineering (mech)	5
Interdisciplinary Studies - SCARP	5
Arts - Anthropology	4

Medicine - Cellular & Phys.	4
Interdisciplinary Studies	4
Education - LLED	4
Education - ECPS	4
Business - Sauder	4
Medicine	4
Arts - Economics	4
Arts - French/Hisp/Ital Studies	3
Education - EDST	3
Arts - Psychology	3
Applied Science - Engineering (civil)	3
Applied Science - Nursing	3
Medicine - Biochem & Molec Bio	3
Forestry - Resource Management	2
Arts - Linguistics	2
Medicine - Dermatology	2
Applied Science - Engineering (materials)	2
Interdisciplinary Studies - Michael Smith Labs	2
Medicine - Pediatrics	2
Arts - Art History	2
Arts - Social Work	2
Interdisciplinary Studies - Environmental Health, School of	2
Land and Food Systems	2
Education - HKIN	2
Applied Science - Engineering (Chem & Bio)	1
Arts - Classical, Near Eastern & religion	1
Arts - SLAIS	1
Medicine - Orthopedics	1

Arts - Women's & Gender Studies	1
Medicine - Opthamology	1
Medicine - Surgery	1
Arts - CENES	1
Arts - English	1
Forestry - Forest Sciences	1
Dentistry	1
Medicine - Rehabilitation	1
Science - Animal Science	1
Arts - Music	1
Interdisciplinary Studies - Oncology	1
Medicine - Psychiatry	1
Science - Statistics	1
Applied Science - Engineering (Okanagan)	0
Architecture	0
Arts - Critical Studies (Okanagan)	0
Arts - Theatre and Film	0
Audiology and Speech Sciences	0
Business - Fac of Management (Okanagan)	0
Education - Okanagan	0
Forestry	0
Interdisciplinary Studies - Fisheries Centre	0
Interdisciplinary Studies - IAR	0
Interdisciplinary Studies - Liu Institute	0
Medicine - Faculty Development	0
Medicine - Family Practice	0
Science - Earth & Enviro Sciences (Okanagan)	0
Medicine - Occupational Therapy	0

Table 3. Category 2 'Other' Languages spoken by Respondents

<b>'Other' Responses</b>	<b>Number of Responses</b>
Persian/Farsi	23
Bengali/Bengla	5
Classical Chinese	5
Sanskrit	3
Sinhalese	3
Bahasa Malaysia	2
Nepali	2
Tibetan	2
Tamil	1
Malayalam	1
Visayan	1
Manchu	1
Kashmiri	1
Mughal Persian	1
'Chinese'	1
Marathi	1
Sakha	1
Russian	1
Dhivehi	1
Cebuano	1
Hebrew	1
Arabic	1

## **Appendix 2 – Granular Materials for Categories 1 & 2**

Due to formatting restrictions, the granular materials from both census categories have been collected into a single excel file with multiple sheets. For further information on detailed faculty responses, please contact Karen Jew at [kjew@exchange.ubc.ca](mailto:kjew@exchange.ubc.ca).