
Introduction

CONSENT TO PARTICIPATE:

You are invited to participate in a research study concerning patterns of collaboration in science. You were chosen to participate because you are listed as the corresponding author of an article recently indexed in the Web of Science. Participation will require 7 to 12 minutes of your time. If you decide to participate, you will be asked a series of questions.

The risks involved in participating in this study are no greater than those involved in daily activities.

Participation in this study will not benefit you directly; it will inform knowledge concerning patterns of collaboration in science. The findings from the study will be published in academic journals and reported at conferences. Results will be made publicly available at the URL provided at the end of the survey.

Although your response is important to us, your participation is voluntary and you can skip questions or exit the survey questionnaire at any time. Whatever you decide, you will not lose any benefits to which you are otherwise entitled.

We will keep your records private to the extent allowed by law. The researchers will have access to the information you provide. Information may also be shared with those who make sure the study is done correctly (GSU Institutional Review Board and the Office for Human Research Protection (OHRP)). All data will be password protected and stored on a firewall-protected computer. Subjects will be identified by an ID, not by name. Data without personal identifiers will be made available to the scientific research community sometime in 2013.

Please do not hesitate to contact one of the three investigators if you have questions: Chiara Franzoni at 39-02-2399-4823 or chiara.franzoni@polimi.it; Giuseppe Scellato at 39-01-1564-7270 or giuseppe.scellato@polito.it; or Paula Stephan at 1-404-413-1060 or pstephan@gsu.edu. If you have questions or concerns about your rights as a participant in this research study, you may contact Susan Vogtner in the Office of Research Integrity at 1 404 413 3513 or svogtner1@gsu.edu.

By clicking the “next” button below you are indicating your consent to participate in this research. Please print a copy of this form for your records.

show me the original consent form
approved by GSU-IRB
before proceeding (optional)



The risks involved in participating in this study are no greater than those involved in daily activities.

Participation in this study will not benefit you directly; it will inform knowledge concerning patterns of collaboration in science. The findings from the study will be published in academic journals and reported at conferences. Results will be made publicly available at the URL provided at the end of the survey.

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By clicking the "next" button below you are indicating your consent to participate in this research. Please print a copy of this form for your records.

APPROVED

Consent Form Approved by Georgia State University IRB January 24, 2011 - Indefinite

///

You will be asked to answer **3 sections of questions**. The first section concerns your paper and research field, the second section concerns your background and the third section concerns your patterns. The survey will take approximately 10 minutes to complete.

Partial answers will be saved automatically, allowing you to fill out the questionnaire in several sessions. You can go back and change your answers anytime you want, until you press the final submission

[**Begin Section 1 ...**

* report mistaken information

You are reporting that some of these information is mistaken:

Title: **#{e://Field/TITLE}**

Journal: **#{e://Field/JOURNAL}**

Year of publication: **2009**

Please make sure you:

- **do not report spelling mistakes** in the title of the paper or journal. Except for major mistakes, spelling has been reported as it appears from the standard librarians' databases. For the purposes of the present survey, the exact title or spelling of the authors is not relevant and mistakes need therefore not be reported.

- **do report** below if you are not the author of this paper, if the article title, the journal title or the year do not match or are incorrect.

	flag as appropriate	Comment or provide correct information
This is not my article	<input type="checkbox"/>	<input type="text"/>
This article did not appear in this journal	<input type="checkbox"/>	<input type="text"/>
This article did not appear in 2009	<input type="checkbox"/>	<input type="text"/>
Other <input type="text"/>	<input type="checkbox"/>	<input type="text"/>

Questions on your paper

This particular paper of yours is:

(indicate your level of agreement)

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.

in a main area of research interest for me				
in a new area of research interest for me				
of a higher quality, with respect to my other papers				

With regard to the area of research, this paper is:

(indicate your level of agreement)

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.
When you click on the slider, **the pointer turns blue and a number appears on the right.**

strongly disagree

1

2

3

4

in an emerging (new) area of research				
in an interdisciplinary area of research				
in a highly creative area of research				

failure), high-reward
(if successful) area
of research

With regard to the subject of the paper, tell us the number of competing research teams

		none	1	2-3	4-5	6-10
worldwide		<input type="radio"/>				
in your country of main affiliation		<input type="radio"/>				
in the country of the research leader's affiliation (if different from yours)		<input type="radio"/>				

Questions on your affiliation and logics on international background

Section 1 (out of 3) is now completed.

In Section 2, you will be asked a block of questions on your background:

What is your current job affiliation and position?

affiliation type

position

In what country* is your current job located?

*Frequently selected countries are shown on top. Other countries follow in alphabetical order.

choose country

	TYPE OF AFFILIATION	AFFILIATION COUNTRY	
Affiliation number 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
Affiliation number 3 (if any)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Affiliation number 4 (if any)	<input type="text"/>	<input type="text"/>	<input type="text"/>

In what country* were you living when you were **18 years old**?

*Frequently selected countries are shown on top. Other countries follow in alphabetical order.

choose country

Relative to the country where you lived when you were 18 years old, did you..

<input type="text"/>	
get your baccalaureate, master or laurea in a different country	<input type="checkbox"/>
get your PhD in a different country	<input type="checkbox"/>
have a post-doc in a different country (minimum 1 year)	<input type="checkbox"/>
have an employment or academic position in a different country (minimum 1 year)	<input type="checkbox"/>
have been visiting scholar, for reasons of work (minimum 6 months)	<input type="checkbox"/>

Questions concerning international background

Tell us the country (different from the one where you lived when you were 18) where you got your baccalaureate, master or laurea

Tell us the country (different from the one where you lived when you were 18) where you got your PhD

Tell us the country (different from the one where you lived when you were 18) where you got your

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.
 When you click on the slider, **the pointer turns blue and a number appears on the right.**

	totally unimportant			
	1	2	3	4
prestige/ research excellence of the institution				
fellowship that I obtained from the host country / institution				
fellowship that I obtained from the country where I lived when I was 18				
availability of an exchange or joint programs between institutions				
opportunity to improve my future career prospects				
opportunity to improve my future career prospects in the country where I lived when I was 18				
contact with somebody (a professor, colleague, friend..) in the host country				

programs in the country
where I lived when I was
18

appeal of the life style or
international experience

family or personal reasons

other

Tell us the country (different from the one where you lived when you were 18) where you had
a post-doc, employment, or academic position

(second country, if any)

(third country, if any)

(forth country, if any)

(fifth country, if any)

How important was each of the following factors behind your choice to take a post-doc, employment or academic job in a country different from the one where you lived when you were 18:

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.

When you click on the slider, **the pointer turns blue and a number appears on the right.**

totally
unimportant

1

2

3

4

excellence/ prestige of the

area of research				
outstanding faculty, colleagues or research team				
better research infrastructures and facilities				
greater availability of research funds				
better wage / monetary compensation				
better fringe benefits (parental leaves, pension, insurance, ..)				
better working conditions (vacations, hours of work, ..)				
few or poor job opportunities in the country where I lived when I was 18				
opportunity to extend my network of international relationships				

future career prospects

opportunity to improve my future job prospects in the country where I lived when I was 18

better quality of life

appeal of the life style or international experience

family or personal reasons

other

Tell us the country (different from the one where you lived when you were 18) where you have been a visiting scholar

visiting scholar (minimum 6 months)

(second country, if any)

(third country, if any)

(fourth country, if any)

(fifth country, if any)

How important was each of the following factors behind your decision to take a visiting period in a country different from the one where you lived when you were 18:

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.

When you click on the slider, **the pointer turns blue and a number appears on the right.**

totally

area of research				
outstanding faculty, colleagues or research team				
better research infrastructures and facilities				
greater availability of research funds				
better wage/ monetary compensation				
better fringe benefits (parental leaves, pension, insurance, ..)				
better working conditions (vacations, hours of work, ..)				
few or poor job opportunities in the country where I lived when I was 18				
opportunity to extend my network of international relationships				

opportunity to improve my future job prospects in the country where I lived when I was 18				
quality of life				
appeal of the life style or international experience				
family or personal reasons				
<input type="text"/> other				

Rate the perceived impact of your international experience (PhD, post-doc, employment, visiting) on the following outcomes.

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.
When you click on the slider, **the pointer turns blue and a number appears on the right.**

	1	2	3	4
enlarging my research network				
establishing a stable research cooperation with teams/scholars located				

entering into new fields of research	
learning new techniques/theories	
improving my capability to publish in high-tiers journals	
improving my wage and earning possibilities	
improving my career prospects	
establishing better contacts with industrial partners	
improving my ability to raise research funds	
<input type="text"/> other	

Have you ever returned to work and live in the country were you lived when you were 18 years old?

- no
- yes, permanently (I'm currently living there)
- yes, once but later I moved away

- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- more than 10 years ago

For how long have you stayed?

- less than 1 year
- 1-2 year
- 3-4 years
- 5-6 years
- 7-8 years
- 9-10 years
- 11-15 years
- 16-20 years
- more than 20 years

You stated that you have returned to work and live in the country where you lived when you were 18 several times.

Please tell us in which year and for how many years (for up to four relocations).

FIRST TIME RELOCATED in year:

for:

SECOND TIME RELOCATED in year:

for:

THIRD TIME RELOCATED in year:

How important was each of the following reasons behind your decision to return to the country where you lived when you were 18:

*for your answer to be registered, make sure you click on the pointer, even if you want to give an answer equal to 3.

When you click on the slider, **the pointer turns blue and a number appears on the right.**

	totally unimportant			
	1	2	3	4
excellence/ prestige of the institution in my area of research				
outstanding faculty, colleagues or research team				
better research infrastructures and facilities				
greater availability of research funds				
better wage / monetary compensation				
better fringe benefits (parental leaves, pension, insurance, ..)				
better working conditions (vacations, hours of work, ..)				

specific group of scholars or colleagues	
better job opportunity or career prospects	
better quality of life	
personal or family reasons	
visa or immigration reasons	
other	

Is it possible that you will return in the future in the country were you lived when you were 18?

- yes
- no
- depends on the job opportunities
- perhaps as a part-time or secondary affiliation
- perhaps towards the end of my career
- only after retirement
- other

How likely is it that you will return in the future?

virtually no

extremely

In the last 2 years, did you collaborate with scholars or teams in countries different from the one where you are currently based?

If so, in how many countries?

- No. I do not collaborate with others or I collaborate only with those in my current country
- 1 other country
- 2
- 3
- 4
- 5
- 6-10
- 11 or more other countries

In your current research, do you collaborate with researchers from the country where you lived when you were 18?

(flag one or more options, as appropriate)

- no
- yes, in my place of employment I work with at least one person who is from the country where I lived when I was 18
- yes, I collaborate with colleagues from the country where I lived when I was 18 who are currently based in other countries
- yes, I collaborate with researchers who are based in the country where I lived when I was 18
- other

Rate the relevance of the findings and potential applications of your current research for the country where you lived when you were 18.

E.g. "extremely relevant": malaria research for a country with a high incidence of malaria cases

almost no
relevance

equally relevant to all countries

1

2

3

4

Rate the relevance of the findings and potential applications of your current research for the country where you are currently based.

E.g. "extremely relevant": malaria research for a country with a high incidence of malaria cases

1	2	3	4

almost no relevance

equally relevant to all countries

Questions on collaboration / coauthorship

Section 2 (out of 3) is now completed.

According to our records, your paper entitled `#{e://Field/TITLE}` was authored by `#{e://Field/N_AU}` people (including yourself)*. From the full list of authors, we have randomly picked 5 names. These are:

- `#{e://Field/Author_1}`
- `#{e://Field/Author_2}`
- `#{e://Field/Author_3}`
- `#{e://Field/Author_4}`
- `#{e://Field/Author_5}`

In Section 3 -the final one- we will ask you approximately 7 questions regarding the 5 authors above.

*NOTE

If you wish to report a mistaken information on missing or wrong authors, please flag the box below.

Report mistaken information

You are reporting mistaken information concerning the authors:

Please make sure you:

- Do report below if the author list does not correspond to that of the article, if authors are erroneously included in the list, or there were more than \${e://Field/N_AU} authors.

	flag as appropriate	Comment or provide correct information
There are one or more unknown authors in your list	<input type="checkbox"/>	<input type="text"/>
There are more than \${e://Field/N_AU} authors of this paper	<input type="checkbox"/>	<input type="text"/>
Other <input type="text"/>	<input type="checkbox"/>	<input type="text"/>

Section 2 (out of 3) is now completed.

According to our records, your paper entitled \${e://Field/TITLE} was authored by the following \${e://Field/N_AU} people (including yourself)*:

- \${e://Field/Author_1}
- \${e://Field/Author_2}
- \${e://Field/Author_3}
- \${e://Field/Author_4}
- \${e://Field/Author_5}

In Section 3 -the final one- you will be asked approximately 7 questions regarding your coauthors.

*NOTE

If you wish to report a mistaken information on missing or wrong authors, please flag the box below.

Report mistaken information

You are reporting mistaken information concerning the authors:

Please make sure you:

- **Do not report spelling mistakes in the name or initials of the authors** or problems with the position of the authors in the list. Except for major mistakes, authors name spelling has been reported as it appears from the standard librarians' databases. The position of the authors may not reflect that of the original publication. For the purposes of the present survey, the exact name, spelling or position of the authors is not relevant and mistakes therefore need not be reported.

- Do report below if the author list does not correspond to that of the article, if authors are missing, or erroneously included in the list.

	Comment or provide correct
<input type="text"/>	<input type="text"/>

list	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Other	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>

Section 2 (out of 3) is now complete.

According to our records, you are the sole author of the paper entitled $\$(e://Field/TITLE)\$$.

If this is correct, then proceed to Section 3 (you will be asked 2 more questions) and finish.
 If this is not correct, please report a mistake in the information, by flagging the box below.

Report mistaken information

You are reporting mistaken information concerning the authors:

Please make sure you:

- **Do not report spelling mistakes in the author name or initials.**

Except for major mistakes, authors name spelling has been reported as it appears from the standard librarians' databases. The position of the authors may not reflect that of the original publication. For the purposes of the present survey, the exact name, spelling or position of the authors is not relevant and mistakes therefore need not be reported.

- **Do report below if you are not the sole author of this article.**

	flag as appropriate	Comment or provide correct informaiton
I am not the sole author: this article is coauthored.	<input type="checkbox"/>	<input type="text"/>
Other <input type="text"/>	<input type="checkbox"/>	<input type="text"/>

You are the sole author of this paper.

Indicate your level of agreement to each of the following statements.

strongly disagree

1

2

3

4

<p>working alone or prefer the work to be organized only within my lab or group of close colleagues</p>				
<p>In general, working alone or only with people in the same lab is common in my area</p>				
<p>In general, collaboration across labs is required in my area</p>				
<p>I collaborate with other people / labs whenever it is needed or preferable. I work alone or within my team otherwise</p>				

State your level of agreement to the following advantages of working solo?

strongly disagree

1

2

3

4

<p>Having more flexibility regarding when research is done</p>				
--	--	--	--	--

coordinating with other people

Being more flexible and able to make changes during the course of the research

Enjoying all the reputation from the paper

Doing more radical research

Doing higher-risk research

Doing exploratory / preliminary research

Doing more creative research

Highlighting unequivocally my contribution

Other

With regard to your coauthors, this paper involved cooperation with people:

in your same lab (or department, or unit)

Yes	<input type="radio"/>
-----	-----------------------

You stated that this work of yours was carried on within your lab or your group of close colleagues and did not involve external collaboration.

- Yes, this is correct
- No (please go back and change your previous answer)

<p>In general, I prefer when the work is organized only within my lab or within my group of close colleagues</p>				
<p>In general, working with a team or lab is common in my area of research</p>				
<p>In general, collaboration across teams/ labs is required in my area of research</p>				
<p>We collaborate with other teams or people whenever it is needed or preferable. We work within our team/ lab otherwise</p>				

State your level of agreement to the following advantages of working with no external collaborators

	strongly disagree			
Having more flexibility	1	2	3	4

is done				
Doing exploratory/ preliminary research				
Doing more creative research				
Being more flexible and able to make changes during the course of the research				
Enjoying all the reputation from the paper				
Doing higher-risk research				
Doing more radical research				
Highlighting unequivocally my group's contribution				
Not losing time coordinating with other people				
Other <input type="text"/>				

\${e://Field/Author_3}
 \${e://Field/Author_4}
 \${e://Field/Author_5}

Describe the team member's affiliation and country, if foreign.

	AFFILIATION (at the time the paper was written)
\${e://Field/Author_1}	
\${e://Field/Author_2}	
\${e://Field/Author_3}	
\${e://Field/Author_4}	

AFFILIATION COUNTRY (if foreign)

Describe the team member's affiliation and country, if foreign.

	AFFILIATION (at the time the paper was written)
\${e://Field/Author_1}	
\${e://Field/Author_2}	
\${e://Field/Author_3}	

AFFILIATION COUNTRY (if foreign)

Describe the team member's affiliation and country, if foreign.

	AFFILIATION (at the time the paper was written)
\${e://Field/Author_1}	
\${e://Field/Author_2}	

AFFILIATION COUNTRY (if foreign)

Describe the team member's position (at the time the paper was written).

POSITION
professor (any level) researcher, staff scientist or post-doc PhD student master or undergraduate student research fellow technician other don't know

Choose the statement that best describes the person's main role in the paper.

#{e://Field/Author_1}

#{e://Field/Author_2}

#{e://Field/Author_3}

#{e://Field/Author_4}

#{e://Field/Author_5}

Five horizontal rounded rectangular input boxes for author responses.

Describe the team member's position (at the time the paper was written).

	POSITION								
	professor (any level)	researcher, staff scientist or fellow	post-doc	PhD student	master or undergraduate student	research fellow	technician	other	don't know
#{e://Field/Author_1}	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
#{e://Field/Author_2}	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
#{e://Field/Author_3}	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
#{e://Field/Author_4}	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Choose the statement that best describes the person's main role in the paper.

#{e://Field/Author_1}

#{e://Field/Author_2}

#{e://Field/Author_3}

#{e://Field/Author_4}

Four horizontal rounded rectangular input boxes for author responses.

Describe the team member's position (at the time the paper was written).

	POSITION								
--	----------	--	--	--	--	--	--	--	--

Choose the statement that best describes the person's main role in the paper.

#{e://Field/Author_1}

#{e://Field/Author_2}

#{e://Field/Author_3}

Three horizontal rounded rectangular input boxes for author roles.

Describe the team member's position (at the time the paper was written).

	POSITION								
	professor (any level)	researcher, staff scientist or fellow	post-doc	PhD student	master or undergraduate student	research fellow	technician	other	don't know
#{e://Field/Author_1}	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
#{e://Field/Author_2}	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Choose the statement that best describes the person's main role in the paper.

#{e://Field/Author_1}

#{e://Field/Author_2}

Two horizontal rounded rectangular input boxes for author roles.

You stated that this work of yours involved external cooperation*.
Indicate your level of agreement to the following statements.

* External means not in your same lab/department

	1	2	3	4
In general, I prefer				

organized only within my lab or within my group of close colleagues				
In general, working with a team or lab is common in my area of research				
In general, collaboration across teams/ labs is required in my area of research				
We collaborate with other teams or people whenever it is needed or preferable. We work within our team/ lab otherwise				

With regard to the coauthors not at your institution, please indicate the main channels of initial contact between yourself (or your group) and them.

(flag one or more, as appropriate)

- We never met
- We got in contact because of common research interests and with no intermediary
- We were part of a common funding initiative or research project
- I was a former supervisor/ advisory
- We got in contact because we both (or our respective groups) were applying for the same cooperative grant
- I was a former colleague
- We knew each other for personal or family reasons
- We met at a conference or a scholarly meeting

With regard to your cooperations, state your level of agreement to the following advantages of collaborating.

	strongly disagree			
	1	2	3	4
learning from colleagues				
doing more radical research				
complementing expertise and capabilities				
doing higher-risk research				
sharing the workload in complex projects				
doing exploratory/preliminary research				
gaining access to data, material or components				
gaining access to data, materials or components protected by intellectual property				

research	
gaining access to funding	
gaining access to a critical instrument, facility or infrastructure	
publishing in highly-ranked scientific journals	
<input type="text"/> other	

Questions on demographics and education

What is your year and country of birth?

	year of birth	country of birth
please choose	<input type="text"/>	<input type="text"/>

What is your gender?

- Male
- Female

In which years and country were you educated?

*Leave blank if not achieved or indicate "under completion" if still in progress

	year	country
PhD, Doctorate or equivalent	<input type="text"/>	<input type="text"/>

Have your research interests changed significantly since you were a student?

yes

no

Are you devoting more time to research than you thought you would when you were studying for your advanced degree?

yes

no

Thank you

This was your last question!

By pressing the "next >>" button your results will be stored and you won't be able to change your answers.

Thank you for your time and cooperation.

A public report with the results of the survey for a large panel of countries is expected to be published in the late summer 2011 at the following URL: <http://www.nber.org/workinggroups/ipe/>

Leave a comment (optional)

If you wish, you can add a comment or feedback.