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SURVEY ON CAREERS OF DOCTORATE HOLDERS 2006

General Information:

- The Survey on Careers of Doctorate Holders (CDH) is conducted for the very first time in Cyprus aiming at the collection of data regarding the demographic characteristics, the educational history and the career, both professionally and income-wise, of the doctorate holders, who are considered to be the most likely participants in the advancement and evolution of knowledge and technologies.
- The definitions and methodological guidelines for this Survey, are developed based on the framework of the joint project carried out by the Statistical Office of the European Commission (Eurostat), the Organisation for Economic Development and Cooperation (OECD) and the UNESCO Institute for Statistics (UIS). This Survey is partly funded by the Transition Facility 2005 program, set up for the ten new European Union member states.
- The collection of data is carried out in accordance with the Statistical Law, no. 15(I)/2000. Denial to submit information requested or submission of fake, missing or inaccurate data will be subject to the consequences of Law.
- The Statistical Service is bound by the Statistical Law to treat all information obtained as strictly confidential. Your responses will be used solely for statistical purposes and any information publicly released will be in form that does not personally identify you.

Name and surname of doctorate holder:

Home address:

Job address:

Home tel.: Work tel.: Mobile:

Telefax: E-mail:

PART I: DOCTORAL EDUCATION

I.1 In which institution did you complete your doctoral program?

Department (or interdisciplinary committee, centre, institute):		
University:		
City:		
State or province:		
Country:		

I.2 Using Table 1: *"Field of Science and Technology"* (see manual), choose the code that corresponds to your doctoral degree. .

I.3 In which category would you place your doctoral dissertation?

Circle all that apply

- 1 Addressed a fundamental problem
- 2 Made an improvement in a process
- 3 Made an improvement in methodology
- 4 Other – Specify →

I.4 Did your doctorate involve...?

Circle all that apply

- 1 Course work
- 2 Field work
- 3 Laboratory work
- 4 Working with industry
- 5 Other – Specify →

I.5 When did you start your doctoral programme?

Month Year

I.6 When was your doctorate granted?

Month Year

I.7 Please estimate the time taken off for any purpose other than preparing the doctorate, in the period between the dates you started your doctoral programme and your doctorate was granted.

Months (round to whole months)

I.8 In what country did you receive your previous university degree (ISCED 5 Level, such as Bachelor, Diploma, Masters) (see manual, Definition 2: *ISCED 5: First Stage of Tertiary Education*)?

Country

I.9 Which of the following was the primary and which was the secondary source of financial support during your doctoral studies?

Circle the primary source of financial support (only one) and the secondary source of financial support (only one)

	Primary source of support	Secondary source of support
• Fellowship or scholarship from an institution in Cyprus	1	1
• Fellowship, scholarship from abroad	2	2
• Teaching and/or research assistantship	3	3
• Other occupation	4	4
• Employer reimbursement or assistance	5	5
• Loan, personal savings, support from spouse, partner or family	6	6
• Other	7	7
• Unknown	8	8

PART II: RECENT GRADUATES

II.1 Did you receive your doctoral degree at any time between January 2005 and December 2006?

1 Yes

2 No → **SKIP THE REST OF PART II AND GO TO PART III**

II.2 (If your answer was Yes in II.1) List chronologically all educational institutions you have attended since secondary school.

Secondary school

School name	Town / Village	State or Province	Country
1.			
2.			

College or equivalent (If applicable)

College name	Town / Village	State or Province	Country
1.			
2.			

First university degree

University name	Years Attended		State or province	Country	Field of study (see manual, Classification 2: Field of study)
	From	To			
1.					
2.					
3.					

Master's degree or equivalent

University name	Years Attended		State or province	Country	Field of study (see manual, Classification 2: Field of study)
	From	To			
1.					
2.					
3.					

II.3 How many months elapsed between the time you **completed** your doctorate degree and the time you accepted your first **career path job** (if applicable) (see manual, Definition 4: *Career Path Job*)?

Months

- 1 Have not accepted my first career path job
- 2 Accepted career path job either before or during my doctorate

PART III: POSTDOCS

III.1 Would the principal job you held on the 1st of December 2006 be considered a postdoc position in Cyprus?

- 1 Yes
- 2 No → **SKIP THE REST OF PART III AND GO TO PART IV**

III.2 (If your answer was yes in III.1) What is the title of your postdoc position?

Title:

III.3 Using Table 1: "*Field of Science and Technology*" (see manual), choose the code that better corresponds to the activities in your postdoc position.

III.4 What is the total length of your postdoc position / contract?

Months

III.5 Is it possible to extend your postdoc position? If yes, for how long?

- 1 Yes, → another months
- 2 No

III.6 What were your reasons for taking this postdoc?

Circle Yes or No for each item

	Yes	No
• Additional training in doctorate field	1	2
• Training in an area outside of doctorate field	1	2

- | | | |
|--|---|---|
| • Carry out research independently | 1 | 2 |
| • Work with a specific person or in a specific place | 1 | 2 |
| • Carry out and support teaching activities | 1 | 2 |
| • Other employment not available | 1 | 2 |
| • Post-doc generally expected for career in this field | 1 | 2 |
| • Other-Specify → | 1 | 2 |

III.7 What percentage of your time in your postdoc position was dedicated to:

- | | | |
|---|--|-------|
| • Research activities | <input type="text"/> <input type="text"/> <input type="text"/> | % |
| • Teaching activities | + <input type="text"/> <input type="text"/> <input type="text"/> | % |
| • Other activities (such as administrative tasks) | <input type="text"/> <input type="text"/> <input type="text"/> | % |
| | <hr/> | |
| | 1 | 0 0 % |

III.8 What was the main source of financial support for this postdoc?

Circle *ONLY one*

- 1 Government /Public sector agency
- 2 Industry/Business
- 3 College or university
- 4 Private foundation
- 5 Non-profit, other than private foundation
- 6 Other - Specify →

PART IV: EMPLOYMENT SITUATION

IV.1: CURRENT EMPLOYMENT STATUS

IV.1.1 What was your employment status on the 1st of December 2006?

- 1 Employed: Paid employment (see manual, Definition 5: *Employed*)
- 2 Unemployed (see manual, Definition 6: *Unemployed*) → **SKIP TO QUESTION IV.3.1**
- 3 Employed: Self-employed (see manual, Definition 5: *Employed*)
- 4 Inactive (see manual, Definition 7: *Inactive*) → **SKIP TO QUESTION IV.3.1**

IV.1.2 Counting ALL jobs held on the 1st of December 2006, how many hours did you usually work during a typical week, including part-time, evening, and weekend work?

Number of hours per week

IV.1.3 Counting ALL jobs held, what were your gross annual earnings, i.e. before deductions, (see manual, Definition 11: *Gross annual earnings*) for the year 2006?

£

Present position 1 (PRINCIPAL job)				
Employed since	<div> <div></div> <div></div> <div></div> <div></div> </div> (year)			
Name of employer	-----			
Location	City/Village-----	State/Province-----	Country-----	
Sector of employment Circle ONLY one (see manual, Definition 10: <i>Sector of employment</i>)	1 Business enterprise sector 4 Other education sector	2 Governmental sector 5 Private non-profit sector (including self-employed)	3 Higher education sector	
Occupation	Using Table 3: "OCCUPATIONS ISCO-88" (see manual), choose the code that best describes the work at this position. <div> <div></div> <div></div> <div></div> </div>			
Does this job include teaching activities?	1 No 4 Yes, 50% – 74%	2 Yes, less than 25% 5 Yes, 75% - 100%	3 Yes, 25% - 49%	
Type of position	<i>Circle ONLY one</i> (see manual, Definition 8: <i>Temporary / permanent employment</i>) 1 Permanent 2 Temporary	<i>Circle ONLY one</i> (see manual, Definition 9: <i>Full-time / part-time employment</i>) 1 Full-time 2 Part-time	<i>Circle ONLY one</i> 1 POSTDOC 2 non-POSTDOC	

Present position 2 (SECOND job)				
Employed since	<div> <div></div> <div></div> <div></div> <div></div> </div> (year)			
Name of employer	-----			
Location	City/Village-----	State/Province-----	Country-----	
Sector of employment Circle ONLY one (see manual, Definition 10: <i>Sector of employment</i>)	1 Business enterprise sector 4 Other education sector	2 Governmental sector 5 Private non-profit sector (including self-employed)	3 Higher education sector	
Occupation	Using Table 3: "OCCUPATIONS ISCO-88" (see manual), choose the code that best describes the work at this position. <div> <div></div> <div></div> <div></div> </div>			
Does this job include teaching activities?	1 No 4 Yes, 50% – 74%	2 Yes, less than 25% 5 Yes, 75% - 100%	3 Yes, 25% - 49%	
Type of position	<i>Circle ONLY one</i> (see manual, Definition 8: <i>Temporary / permanent employment</i>) 1 Permanent 2 Temporary	<i>Circle ONLY one</i> (see manual, Definition 9: <i>Full-time / part-time employment</i>) 1 Full-time 2 Part-time	<i>Circle ONLY one</i> 1 POSTDOC 2 non-POSTDOC	

If you have more jobs, please continue this list in a separate page.

IV.2: PRINCIPAL JOB

IV.2.1 What was the MINIMUM education level required for the PRINCIPAL JOB you held on the 1st of December 2006?

Circle ONLY one

- 1 Graduate (or lower)
- 2 Post-graduate (non-doctorate)
- 3 Doctorate
- 4 Postdoc
- 5 Other-Specify → -----
- 6 Unknown

IV.2.2 What was the DESIRABLE education level required for the PRINCIPAL JOB you held on the 1st of December 2006?

Circle ONLY one

- 1 Graduate (or lower)
- 2 Post-graduate (non-doctorate)
- 3 Doctorate
- 4 Postdoc
- 5 Other-Specify → -----
- 6 Unknown

IV.2.3 To what extent was your work on your PRINCIPAL JOB held on the 1st of December 2006 related to your doctoral degree?

Circle ONLY one

- 1 Closely related 2 Partly related 3 Not related

IV.2.4 If the PRINCIPAL JOB you held on the 1st of December 2006 was a part-time job, were you searching for a full-time job?

- 1 Yes 2 No 3 Not applicable

IV.2.5 Please rate your satisfaction with your PRINCIPAL JOB's...

Circle ONLY one for each item

	Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied
• salary	1	2	3	4
• benefits	1	2	3	4
• job security	1	2	3	4
• job location	1	2	3	4
• working conditions	1	2	3	4
• opportunities for advancement	1	2	3	4
• intellectual challenge	1	2	3	4
• level of responsibility	1	2	3	4
• degree of independence	1	2	3	4
• contribution to society	1	2	3	4
• social status	1	2	3	4

Previous position 2				
Dates of employment	From: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> (year)		To: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> (year)	
Name of employer	-----			
Location	City/Village-----	State/Province-----	Country-----	
Sector of employment Circle ONLY one (see manual, Definition 10: <i>Sector of employment</i>)	1 Business enterprise sector 4 Other education sector		2 Governmental sector 5 Private non-profit sector (including self-employed) 3 Higher education sector	
Occupation	Using Table 3: "OCCUPATIONS ISCO-88" (see manual), choose the code that best describes the work at this position. <div><input type="text"/><input type="text"/><input type="text"/></div>			
Type of position	<i>Circle ONLY one</i> (see manual, Definition 8: <i>Temporary / Permanent employment</i>) 1 Permanent 2 Temporary		<i>Circle ONLY one</i> (see manual, Definition 9: <i>Full-time / Part-time employment</i>) 1 Full-time 2 Part-time	
			<i>Circle ONLY one</i> 1 POSTDOC 2 non-POSTDOC	
Reasons for having left	-----			

IV.4: UNEMPLOYED OR INACTIVE PERSONS

IV.4.1 If you were UNEMPLOYED on the 1st of December 2006 (available for work and searching for a job), which steps had you taken to find a job during November 2006?

Yes No

- | | | |
|---|---|---|
| • Having been in contact with a public or private employment agency to find a job | 1 | 2 |
| • Applying to employers directly | 1 | 2 |
| • Placing or answering newspaper advertisements | 1 | 2 |
| • Conducting internet job searches | 1 | 2 |
| • Checking at worksites, farms, factory gates or other assembly places | 1 | 2 |
| • Seeking assistance of friends or relatives | 1 | 2 |
| • Seeking assistance from professional colleagues | 1 | 2 |
| • Looking for land, building, machinery or equipment to establish own enterprise | 1 | 2 |
| • Taking a recruitment test or being interviewed | 1 | 2 |
| • Applying for permit, licences or financial resources | 1 | 2 |
| • Other- Specify → ----- | 1 | 2 |

SKIP THE REST OF PART IV AND GO TO PART V

IV.4.2 If you were INACTIVE on the 1st of December 2006 (not available for work and not searching for a job), what were the reasons that you were not available for work or were not looking for a job during November 2006?

Circle Yes or No for each item

	Yes	No
• Own illness or disability	1	2
• Caring for own children	1	2
• Caring for other relative	1	2
• Other personal or family responsibilities	1	2
• Retirement	1	2
• Attendance at educational institution	1	2
• Belief that no work is available	1	2
• Do not need or want to work	1	2
• Other- Specify →	1	2

PART V: INTERNATIONAL MOBILITY

IF YOU ONLY LIVED IN CYPRUS, SKIP TO QUESTION V.6

V.1 List the countries in which you have lived, in reverse chronological order, between January 1997 and December 2006 and indicate the period of residency. Include Cyprus.

Country		Period of residence			
		From:		To:	
		Month	Year	Month	Year
Cyprus					

If you need more lines, please continue this list on an extra page.

V.2 If you moved OUT of Cyprus between January 1997 and December 2006, please indicate the reasons for this decision.

0 → Not applicable

Circle Yes or No for each item

	Yes	No
• Completion of doctorate	1	2
• End of postdoc or job contract	1	2
• Other job related factors: Sent by employer, offer (or better chances for) a job, postdoc or a better paid job	1	2
• Academic factors: Bigger access to publishing, development or continuity of thesis work, work in a specific area not existent inside Cyprus, possibility of creation of own research team or new research area	1	2

- | | | |
|--|---|---|
| • Personal, economical or political factors:
Family or personal reasons, economical or political reason, end of residence permit / visa | 1 | 2 |
| • Other - Specify → | 1 | 2 |

V.3 If you moved INTO Cyprus between January 1997 and December 2006, please indicate the reasons for this decision.

0 → *Not applicable*

- | Circle Yes or No for each item | Yes | No |
|---|-----|----|
| • Completion of doctorate | 1 | 2 |
| • End of postdoc or job contract | 1 | 2 |
| • Other job related factors:
Sent by employer, offer (or better chances for) a job, postdoc or a better paid job | 1 | 2 |
| • Academic factors:
Bigger access to publishing, development or continuity of thesis work, work in a specific area not existent inside the country of your previous residence, possibility of creation of own research team or new research area | 1 | 2 |
| • Personal, economical or political factors:
Family or personal reasons, economical or political reason, end of residence permit / visa | 1 | 2 |
| • Other - Specify → | 1 | 2 |

V.4 If you moved into Cyprus and plan to leave, indicate how long you plan to stay in Cyprus.

0 → *Not applicable*

Months

V. 5 Are you still linked to your country of origin?

0 → *Not applicable*

- | Circle Yes or No for each item | Yes | No |
|---|-----|----|
| • You keep in touch with official "Diaspora" networks
(i.e. networks of nationals from your country of origin living abroad) | 1 | 2 |
| • You have a wide informal network formed by friends/ acquaintances/ colleagues from your country of origin | 1 | 2 |
| • You are available for various possible linkage mechanisms
(visits, training, joint projects, mentoring, fundraising) | 1 | 2 |
| • You maintain business relationships with your country of origin | 1 | 2 |
| • You collaborate with national professional associations in your country of origin | 1 | 2 |
| • You collaborate with scientific journals in your country of origin | 1 | 2 |

V.6 Do you intend to move out of Cyprus within the next year?

- 1 Yes, permanently
- 2 Yes, temporarily
- 3 No → **SKIP THE REST OF PART V AND GO TO PART VI**

V.7 (If your answer was Yes in V.6) In what country do you intend to live within the next year?

Country -----

V.8 Indicate the reasons for this decision.

Circle Yes or No for each item

	Yes	No
• Completion of doctorate	1	2
• End of postdoc or job contract	1	2
• Other job related factors: Sent by employer, offer (or better chances for) a job, postdoc or a better paid job	1	2
• Academic factors: Bigger access to publishing, development or continuity of thesis work, work in a specific area not existent inside Cyprus, possibility of creation of own research team or new research area	1	2
• Personal, economical or political factors: Family or personal reasons, economical or political reason, end of residence permit / visa	1	2
• Other - Specify → -----	1	2

V.9 Have you taken any steps to follow through with your plans?

Circle Yes or No for each item

	Yes	No
• Learnt a foreign language	1	2
• Browsed and looked for job advertisements	1	2
• Used existing contacts to look for work	1	2
• Contacted a potential employer	1	2
• Signed contract or made definite commitment for work or study	1	2
• Applied for a visa / residency permit	1	2
• Found an apartment / a house to live	1	2
• Sold property in the country of origin	1	2

PART VI: CAREER RELATED EXPERIENCE AND SCIENTIFIC PRODUCTIVITY

VI.1: RESEARCHERS AND NON-RESEARCHERS

VI.1.1 Were you performing one or several of the following tasks in your job(s) you held on the 1st of December 2006?

Circle Yes or No for each item

	Yes	No	% of time		
• Carrying out / supervising research	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>
• Improving current products / processes	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>
• Developing new products / processes	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>

If in total you spent more than 10% of your time on all of the above activities, **GO TO QUESTION VI.3.1.**

VI.2: NON-RESEARCHERS

VI.2.1 Why were you not working as a researcher on the 1st of December 2006?

Circle all that apply

- 1 Not interested in research
- 2 Very limited job opportunities in research
- 3 There is no clear career structure within research
- 4 Low remuneration
- 5 Disadvantaged working conditions
- 6 Poor public recognition of career in research
- 7 Unclear long term career prospects
- 8 Other- Specify →

VI.2.2 Are you considering changing your current career into a research career in the next three years?

- 1 Yes
- 2 No

VI.2.3 Have you worked as a researcher earlier in your career?

- 1 Yes
- 2 No → **SKIP THE REST OF PART VI AND GO TO PART VII**

VI.3: RESEARCHERS (CURRENT AND FORMER)

VI.3.1 Why did you choose a research career?

Circle all that apply

- 1 Creativity and innovativeness of work
- 2 Well paid job
- 3 Benefits
- 4 Opportunities for advancement
- 5 Job security
- 6 Working conditions
- 7 Degree of independence
- 8 Contribution to society
- 9 Other employment not available
- 10 Research generally expected for career
- 11 Other – Specify →

VI.3.2 How long have you worked as a researcher?

From: (year)

To: (year)

(leave blank if still working as a researcher)

VI.3.3 How long did it take you to obtain a permanent or tenure-track position after the completion of your doctoral degree? (if applicable) Months

VI.3.4 How many articles, (co)authored by you, have been published or accepted for publication in a refereed professional journal between January 2004 and December 2006?

VI.3.5 How many books, monographs, and book chapters, (co)authored by you, have been published or accepted for publication between January 2004 and December 2006?

VI.3.6 On how many patent applications have you been named as an inventor between January 2004 and December 2006?

VI.3.7 How many patents have been granted to you as an inventor between January 2004 and December 2006?

VI.3.8 How many of your patents have resulted in commercialized products or processes or have been licensed between January 2004 and December 2006?

VI.3.9 Have you started up a company between January 2004 and December 2006?

- 1 Yes
- 2 No

VI.3.10 Have you conducted mentorship programs or training programs between January 2004 and December 2006?

- 1 Yes
- 2 No

VI.3.11 Have you supervised Master theses or Doctorate theses between January 2004 and December 2006?

Circle Yes or No for each item

	Yes	No
• Master theses	1	2
• Doctorate theses	1	2

VI.3.12 Have you conducted research in cooperation with research groups outside the country between January 2004 and December 2006?

- 1 Yes
- 2 No

PART VII: PERSONAL CHARACTERISTICS

VII.1 Sex:

- 1 Male
- 2 Female

VII.2 What is your date of birth?

Day

Month

Year

VII.3 Where is your place of birth?

City / Village ----- State / Province ----- Country -----

VII.4 What is your citizenship / resident status in Cyprus (see manual, Definition 13: *Citizenship status*; Definition 14: *Resident status*)?

- 1 Citizen by birth
- 2 Citizen by naturalization
- 3 Permanent resident
- 4 Non-permanent resident
- 5 Refugee

VII.5 Please list the countries of your citizenship.

Country 1 ----- Country 2 ----- Country 3 -----

VII.6 What is your marital status?

Circle *ONLY one*

- 1 Married
- 2 Living in a marriage-like relationship
- 3 Separated
- 4 Divorced
- 5 Widowed
- 6 Never married

VII.7 How many dependents do you have?

5 years or younger

6 to 18 years

19 years or older

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..... Date: