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**SEXTO CONCURSO NACIONAL DE CENTROS EN INVESTIGACION EN**

**AREAS PRIORITARIAS**

**FONDAP 2015**

FONDO DE FINANCIAMIENTO DE CENTROS DE INVESTIGACION EN AREAS PRIORITARIAS (FONDAP)

Moneda 1375, Santiago Centro - casilla 297-V, Santiago 21

Teléfonos: (56-2) 2435 4327

postulacion.fondap@conicyt.cl

SANTIAGO - CHILE

Nombre del Centro:

**[NOMBRE DEL CENTRO]**

Nombre del Director(a):

**[NOMBRE DEL DIRECTOR(A)]**

**RESEARCH PROPOSAL**

**SIXTH NATIONAL COMPETITION FOR RESEARCH CENTERS IN PRIORITY AREAS**

**FONDAP 2015**

**PROPOSAL PRESENTATION**:

PROPOSAL TITLE:

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PRIORITY AREA AND PROPOSAL KEYWORDS:

|  |  |
| --- | --- |
| PRIORITY AREA | PROPOSAL KEYWORDS |
|  |  |

APPLICATION SECTOR(S) AND APPLICATION REGION(S):

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| APLICATION SECTOR(S) | APLICATION REGION(S) |
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**PROPOSAL INSTITUTION(S)**

## SPONSORING INSTITUTION(S)

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| *Name (Indicate School and Department, if required)* | | *RUT* | | |
|  | |  | | |
| *Address* | | | | |
| *Telephone* | *E-mail* | | | *City and Region* |
|  |  | | |  |
| *Name of Legal Representative* | | | *RUT* | |
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| *Name (Indicate School and Department, if required)* | | *RUT* | | |
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| *Address* | | | | |
| *Telephone* | *E-mail* | | | *City and Region* |
|  |  | | |  |
| *Name of Legal Representative* | | | *RUT* | |
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## ASSOCIATE INSTITUTION(S)

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| *Name (Indicate School and Department, if required)* | | *RUT* | | |
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| *Address* | | | | |
| *Telephone* | *E-mail* | | | *City and Region* |
|  |  | | |  |
| *Name of Legal Representative* | | | *RUT* | |
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**(REPEAT AS MANY TIMES AS NECESSARY)**

## INTERNATIONAL INSTITUTION(S)

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| *Name* | *Country* |
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***(REPETIR ESTA FICHA CUANTAS VECES SEA NECESARIO)***

**PROPOSAL PERSONNEL:**

PROPOSAL DIRECTOR:

|  |  |
| --- | --- |
| NAME | |
| (Project Director) | |
| Name of the Institution he/she belongs to | |
| Director’s work address | Telephone number |
| E-mail |

PROPOSAL DEPUTY DIRECTOR:

|  |  |
| --- | --- |
| NAME | |
| (Project deputy director) | |
| Name of the Institution he/she belongs to | |
| Deputy director’s work address | Telephone number |
| E-mail |

PROPOSAL PRINCIPAL RESEARCHERS:

|  |  |
| --- | --- |
| NAME | |
| Principal Researcher | |
| Name of the Institution he/she belongs to | |
| Work address | Telephone number |
| E-mail |

|  |  |
| --- | --- |
| NAME | |
| Principal Researcher | |
| Name of the Institution he/she belongs to | |
| Work address | Telephone number |
| E-mail |

**(REPEAT AS MANY TIMES AS NECESSARY)**

PROPOSAL ASSOCIATE RESEARCHERS:

|  |  |
| --- | --- |
| NAME | |
| Associate Researcher | |
| Name of the Institution he/she belongs to | |
| Work address | Telephone number |
| E-mail |

|  |  |
| --- | --- |
| NAME | |
| Associate Researcher | |
| Name of the Institution he/she belongs to | |
| Work address | Telephone number |
| E-mail |

**(REPEAT AS MANY TIMES AS NECESSARY)**

**PROPOSAL DESCRIPTION**

SCIENTIFIC SUMMARY

The project summary must provide in concise manner background information for the formation and operation of the Center. Also, it must identify the problem of national interest that the Center intends to address and highlight the significance of the research proposed within this context. The objectives and methods to be employed must also be mentioned in the summary. The expected impact of the research activities, capacity building, national and international collaboration, dissemination and outreach, transfer of knowledge, and technologies to the society and the public/private sector must also be explicitly described in this section. **The maximum length for this section is 2 pages**.

OUTREACH SUMMARY:

The summary must be suitable for publication on CONICYT’s website and distribution to the national and international media, and readable to evaluators and researchers of any disciplines, general public and society, so they would be able to understand the main goal and activities of the Center. **The maximum length for this section is 1 page**.

RESEARCH PROPOSAL (**maximum 22 pages**)

The proposal must include:

1. Description of the priority area to be addressed, and its scientific contribution.
2. Research proposal, including research activities, questions, hypothesis, objectives, methodologies y expected results.
3. Actions leading to association between Center´s researchers and their main research activities.
4. Strategy and actions for advanced human capital training.
5. Strategy and action to dissemination outreach and transfer (knowledge and technologies) to the society and the public/private sector.

Collaboration Strategy (**maximum 2 pages**)

1. Actions leading to establish national collaboration networks.
2. Actions leading to establish international collaboration networks, and to establish or consolidate as an international benchmark.

BIBLIOGRAPHIC REFERENCES:

Bibliographic material used for this section of the project must be quoted and referenced for every section of the project. Researchers must use the customary rules for scientific publications for their discipline or area.

WORK PLAN:

Indicate the objectives, activities and result that will take place over the 5 years.

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| **WORK PLAN FOR RESEARCH AND FOR ASSOCIATION BETWEEN RESEARCHERS AND THEIR MAIN RESEARCH ACTIVITIES** | | | | | |
| Objectives /  Activities | YEAR | | | | |
| 1st | 2nd | 3rd | 4th | 5th |
| Objective 1 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
| Activity 1 |  |  |  |  |  |
| Activity 2 |  |  |  |  |  |
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| Activity N |  |  |  |  |  |
| Objective 2 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
| Activity 1 |  |  |  |  |  |
| Activity 2 |  |  |  |  |  |
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| Activity N |  |  |  |  |  |
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| Objective N |  |  |  |  |  |

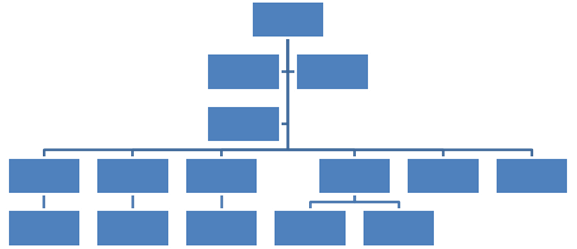
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| **WORK PLAN FOR TRAINING** | | | | | |
| Objectives /  Activities | YEAR | | | | |
| 1st | 2nd | 3rd | 4th | 5th |
| Objective 1 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
| Activity 1 |  |  |  |  |  |
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| Activity N |  |  |  |  |  |
| Objective 2 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
| Activity 1 |  |  |  |  |  |
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| Objective N |  |  |  |  |  |

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| **WORK PLAN FOR NATIONAL AND INTERNATIONAL NETWORKS** | | | | | |
| Objectives /  Activities | YEAR | | | | |
| 1st | 2nd | 3rd | 4th | 5th |
| Objective 1 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
| Activity 1 |  |  |  |  |  |
| Activity 2 |  |  |  |  |  |
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| Activity N |  |  |  |  |  |
| Objective 2 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
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| Objective N |  |  |  |  |  |

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| **WORK PLAN FOR DISSEMINATION, OUTREACH AND TRANSFERENCE** | | | | | |
| Objectives /  Activities | YEAR | | | | |
| 1st | 2nd | 3rd | 4th | 5th |
| Objective 1 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
| Activity 1 |  |  |  |  |  |
| Activity 2 |  |  |  |  |  |
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| Activity N |  |  |  |  |  |
| Objective 2 |  |  |  |  |  |
| Expected result |  |  |  |  |  |
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| Objective N |  |  |  |  |  |

ORGANIZATION CHART:

By means of an organization flowchart indicate the position and levels in the hierarchy of participants interacting within the framework of the project, including the associate researchers, sponsoring and associate institutions, master students, doctorate students and post-doctorate fellows, as well as foreign researchers. This section must also include inter-institutional collaborations, either with private or public entities and researchers of other institutions or other disciplines.



RESEARCH BACKGROUND:

The table must be completed with a summary of the Director’s and principal researcher accumulative productivity from 2010.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Principal Researchers**  (By Name) | N° of ISI Publications | N° of non ISI Publications | N° of observed quotes in ISI magazines | N° of times directing Doctorate theses (\*) | N° of times directing Postdoctoral fellows (\*) | N° of times directing Master Theses (\*) | Requested Patents | Awarded Patents |
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(\*) only thesis finished or ended postdoctoral fellowships.

**Note: Do not modify this table or add any new indicators.**

ASSOCIATE RESEARCHERS:

If you know the names of the associate researchers that will participate in the project, include their names, the institution they belong to, and the research activity associated to the center.

|  |  |  |
| --- | --- | --- |
| **NAME** | **INSTITUTION THEY BELONG TO** | **RESEARCH ACTIVITY ASSOCIATED TO THE CENTER** |
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DIRECTOR AND DEPUTY DIRECTOR EXPERIENCE:

Describe the experience of the director and deputy director to lead and manage national and international research projects.

DUTIES OF PRINCIPAL RESEARCHERS:

Describe the duties and responsibilities related to every principal researcher as well as the research activities they are in charge of. Mention the names of associate researcher(s) that will collaborate with them.

|  |
| --- |
| Principal Researcher Name |
| Main Research Activities |
| Associate Researchers |
| Description |

**(Complete for each principal researcher including Director and Deputy Director)**

INDICATORS:

**Indicators marked with an asterisk are required for application and must be completed.**

*This section includes a research productivity baseline. To calculate the baseline, research productivity for the last 5 years of all researchers included in the project (*director, deputy director, principal researchers and associative researchers*) has to be considered.*

For Associate Researchers, their productivity has to be weighted based on weekly working hour commitment at the Center. For example:

Number of ISI Publications =



Where:

N° Principalresearcherpublication is the total number of ISI publications of Principal Researcher  since 2010.

N° Associateresearcherpublication is the total number of ISI publications in the last 5 years of Associate Researcher  since 2010.

NumberWeeklyWorkingHourCommitmentis the number of weekly working hours committed at the center by associate researcher . 44 hours per week is considered as a full-time working schedule. Mínimum weekly working hour commitment is 6 hours.

n is the number of researchers

Use the baseline as a reference to estimate the annual indicator values. Do not add the baseline to the annual committed values (years 1 to 5).

**For more information see application directions at** [**www.conicyt.cl/fondap**](http://www.conicyt.cl/fondap)

***1. Excellence Research Indicators:***

| ***RESEARCH INDICATORS*** | ***BASE LINE (See application directions)*** | ***YEAR 1*** | ***YEAR 2*** | ***YEAR 3*** | ***YEAR 4*** | ***YEAR 5*** |
| --- | --- | --- | --- | --- | --- | --- |
| *Number of ISI Publications* ***\**** |  |  |  |  |  |  |
| *Number of ISI publications at the top 10% of impact for the Center’s primary disciplines* ***\**** |  |  |  |  |  |  |
| *Average number of quotes per publication* |  |  |  |  |  |  |
| *Average impact of publications* ***\**** |  |  |  |  |  |  |
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| *Other (Describe)* |  |  |  |  |  |  |

***Note: Indicators marked with an asterisk are required for application.***

1. ***Associate Research Indicators***

| ***ASSOCIATE RESEARCH AND NEW HIRING INDICATORS*** | ***BASE LINE (See application directions)*** | ***YEAR 1*** | ***YEAR 2*** | ***YEAR 3*** | ***YEAR 4*** | ***YEAR 5*** |
| --- | --- | --- | --- | --- | --- | --- |
| *Number of indexed publications among members of the Center* ***\**** |  |  |  |  |  |  |
| *Number of post-graduate theses tutored among the members of the Center* ***\**** |  |  |  |  |  |  |
| *Number of New Hiring (see definition in competition guidelines)****\**** |  |  |  |  |  |  |
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| *Other (Describe)* |  |  |  |  |  |  |

***Note: Indicators marked with an asterisk are required for application.***

***3. Advanced Human Capital Training Indicators***

| ***ADVANCED HUMAN CAPITAL TRAINING INDICATORS*** | ***BASE LINE (See application directions)*** | ***YEAR 1*** | ***YEAR 2*** | ***YEAR 3*** | ***YEAR 4*** | ***YEAR 5*** |
| --- | --- | --- | --- | --- | --- | --- |
| *Number of Postdoctoral Fellows* ***\**** |  |  |  |  |  |  |
| *Number of finished PhD Thesis* ***\**** |  |  |  |  |  |  |
| *Number of finished Master Degree Thesis* |  |  |  |  |  |  |
| *Number of Finished Undergraduate Thesis* |  |  |  |  |  |  |
| *Number of Summer Courses* |  |  |  |  |  |  |
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| *Other (Describe)* |  |  |  |  |  |  |

***Note: Indicators marked with an asterisk are required for application.***

1. ***Collaborative Networks and Internationalization Indicators***

| ***COLLABORATIVE NETWORKS AND INTERNATIONALIZATION INDICATORS*** | ***BASE LINE (See application directions)*** | ***YEAR 1*** | ***YEAR 2*** | ***YEAR 3*** | ***YEAR 4*** | ***YEAR 5*** |
| --- | --- | --- | --- | --- | --- | --- |
| *Number of joint publications with international institutions or research centers* ***\**** |  |  |  |  |  |  |
| *Number of joint projects with international institutions or research centers* ***\**** |  |  |  |  |  |  |
| *Number of visiting researchers (see definition in competition guidelines)****\**** |  |  |  |  |  |  |
| *International Workshops or Meetings in Chile, organized by the Center* ***\**** |  |  |  |  |  |  |
| *Number of new researchers working at the Center (see definition in competition guidelines).* |  |  |  |  |  |  |

***Note: Indicators marked with an asterisk are required for application.***

| ***COLLABORATIVE NETWORKS AND INTERNATIONALIZATION INDICATORS*** | ***BASE LINE (See application directions)*** | ***YEAR 1*** | ***YEAR 2*** | ***YEAR 3*** | ***YEAR 4*** | ***YEAR 5*** |
| --- | --- | --- | --- | --- | --- | --- |
| *International Workshops or Meetings abroad, organized by the Center* |  |  |  |  |  |  |
| *Number of joint publications with national institutions or research centers* ***\**** |  |  |  |  |  |  |
| *Number of joint projects with national institutions or research centers* |  |  |  |  |  |  |
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| *Other (Describe)* |  |  |  |  |  |  |

***Note: Indicators marked with an asterisk are required for application.***

***5. Dialogue, Outreach and Technology Transfer Indicators.***

| ***DIALOGUE, OUTREACH AND TECHNOLOGY TRANSFER INDICATORS*** | ***BASE LINE (See application directions)*** | ***YEAR 1*** | ***YEAR 2*** | ***YEAR 3*** | ***YEAR 4*** | ***YEAR 5*** |
| --- | --- | --- | --- | --- | --- | --- |
| *Number of outreach articles* ***\**** |  |  |  |  |  |  |
| *Number of outreach events (for example: seminars, workshops, exhibitions)* ***\**** |  |  |  |  |  |  |
| *Number of media interviews and media publications* |  |  |  |  |  |  |
| *Number of outreach books* |  |  |  |  |  |  |
| *Number of outreach documental* |  |  |  |  |  |  |
| *Number of participants in outreach events* |  |  |  |  |  |  |
| *Number of technology transfer products (for example: models, protocols, methods, processes, among others)* |  |  |  |  |  |  |
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| *Other (Describe)* |  |  |  |  |  |  |

***Note: Indicators marked with an asterisk are required for application.***

***Verification Means***

*Indicate the verification mean for each indicator registered.*

| ***RESEARCH INDICATORS*** | ***VERIFICATION MEANS*** |
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| *Indicator 1* |  |
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| *Indicator N* |  |

**ANNEXES:**

LETTERS OF INTERNATIONAL INSTITUTION(S)

Insertar Cartas Compromiso o de Intención de la(s) Institución(es) Extranjeras

OTHER RELEVANT ASPECTS: **(maximum 3 pages)**