



MSc Career Exploration Scholarship

Junior Scientists Tandems (JST)



ATSAF e.V. – The Organization

With around 350 members **ATSAF** – Arbeitsgemeinschaft für Tropische und Subtropische Agrarforschung e.V. (Council for Tropical and Subtropical Research) connects key players in German development-oriented agricultural research.

This includes professors at German universities, economic experts and international researchers with a focus on development-oriented agricultural research.

ATSAF actively promotes innovation in the field of agricultural research and extension and, in particular, promotes young talents. The **ATSAF Academy** is an innovative setup for PhD and MSc scientists from German and international universities.

ATSAF Academy

The aim of the [ATSAF Academy](#) is to involve PhD and MSc students in CGIAR++ research projects in the Tropics and Subtropics. In this way, links are strengthened between universities and agricultural research institutions all over the globe. In addition, the project expands the promotion of young scientists along scientific career paths in development-oriented agricultural research.

Currently, the [ATSAF Academy](#) offers two scholarship programs:

- /// A **PhD Research Scholarship**

- /// A **MSc Career Exploration Scholarship (JST-Junior Scientists Tandems)**

These projects are commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ) and are carried out by ATSAF e.V. on behalf of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

MSc Career Exploration Scholarship

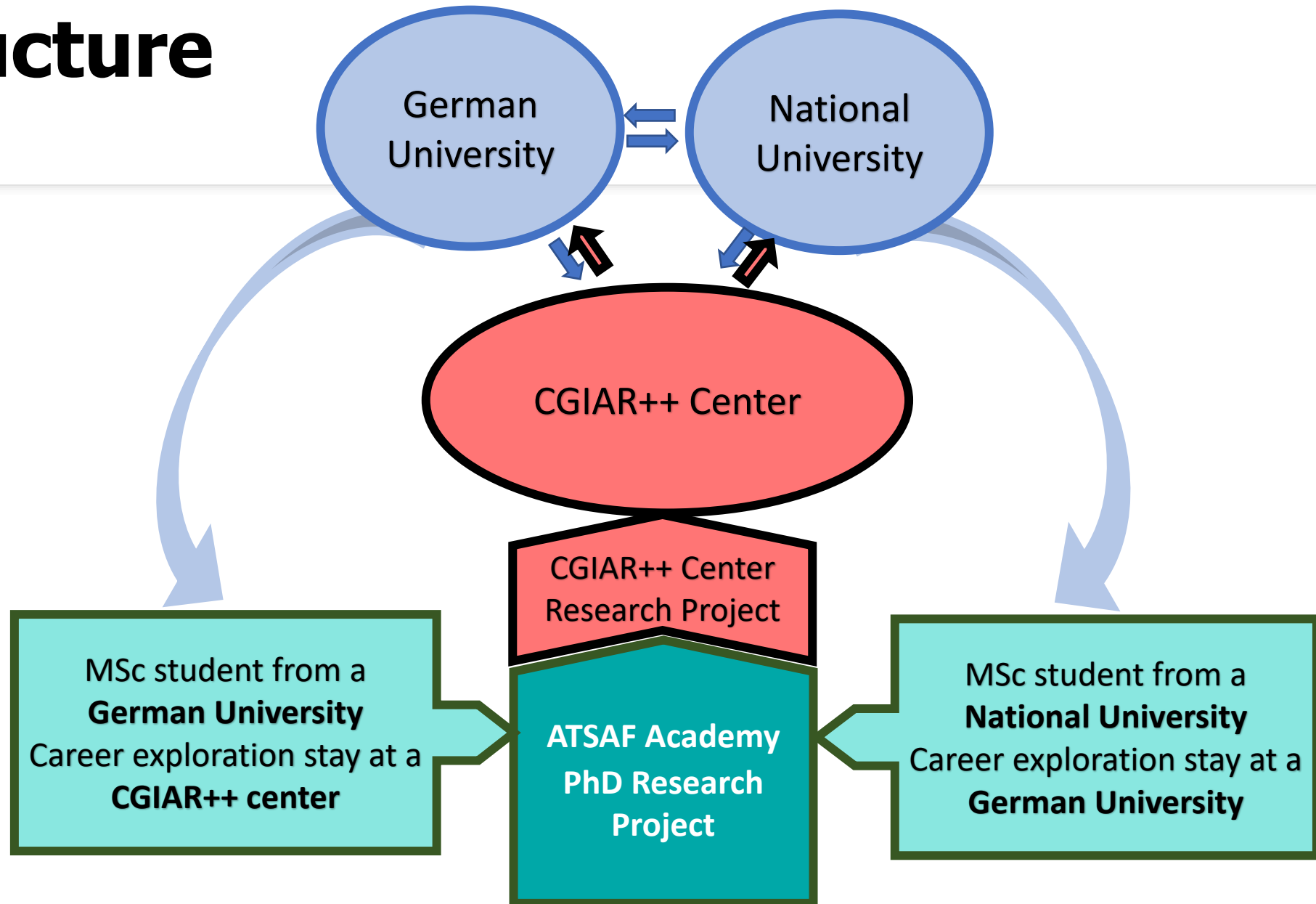
*"Get to know
your job before
you do it!"*

ATSAF's new "**Junior Scientists Tandem (JST)**" facilitates tandems of young scientists in gaining practical experience in project-based scientific work at International Agriculture Research Centers (CGIAR++) and German research institutions, with the possibility to collect data for their MSc thesis.

Both **tandem scientists** must be working – either parallel or sequentially - within the framework of the same collaborative research project between the CGIAR++ center and the German institute. The respective MSc students constitute a junior scientist tandem.

The **aim** of the JST is to inspire young people for development-oriented agricultural research, to qualify them in this field in an internationally competitive manner and rejuvenate and expand the corresponding professional networks.

Structure



Example for a PhD research project incorporating a Junior Scientists Tandem

1. Overall CGIAR++ research project:

"Harnessing translational research across a global wheat improvement network for climate resilience".

2. Possible PhD research project:

"Remotely sensed spectral indices as indicator of climate resilience in wheat breeding context"

(The results of the ATSAE Academy PhD project will contribute and add value to the work of CIMMYT scientists considering project goals)

4. Possible research project for JST at the German University:

Tandem 2: "Root:shoot growth analysis to assess physiological effects on radiation use efficiency in wheat"

3. Possible research project for JST at the CGIAR++ center:

Tandem 1: "Genotype x Environment interaction on leaf properties and pigment composition in tropical bread wheat"

What you get...

- A scholarship of maximum **EUR 5.000** for a period of six months
- The opportunity to **collect data** to complete the Master of Science degree
- Full **administrative support** from ATSAF
- A **networking & Training Platform** with inception trainings, webinars, and forums

What you need...

- Completion of at least **1 MSc semester** of agricultural sciences or another development-related program
- Very good **proficiency in English**
- **Supervisor from a German university and a CGIAR++ research center** supporting the application and research topic
- International health and liability insurance

JST - Coordination

*You still have
questions?
– Feel free to contact
us!*

We are happy to help you and to guide you through the whole application process!

E-Mail us: ***JST@atsaf.de***



Sabine Baumgartner



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