



**GLOBAL  
YOUNG  
ACADEMY**



# **Nurturing Next Generation of Scientific Leaders**

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GYA Co-Chair

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## Vision

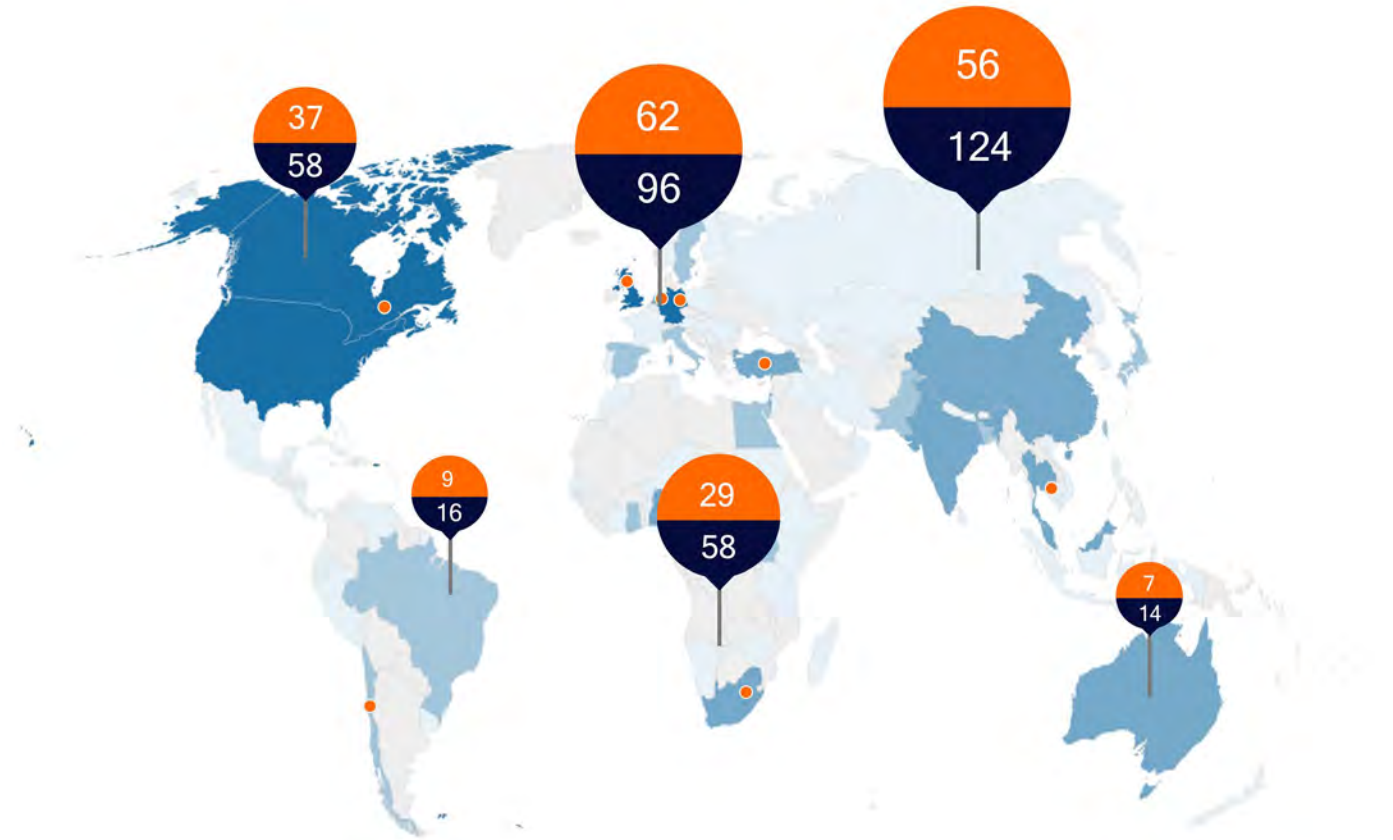
- Science for all; science for the future

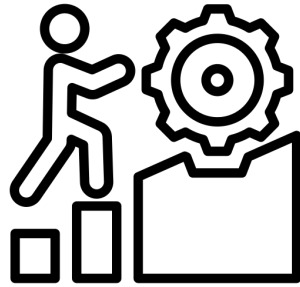
## Mission

- To give a voice to young scientists around the world
- Empower outstanding early- to mid-career scientists and scholars to lead international, interdisciplinary and intergenerational dialogues
- Develop, connect and mobilise young talent from all continents
- Promote reason and inclusiveness in global decision-making
- Help create a better world

# Who we are: The Global Young Academy

- An independent academy with 200 members and 407 alumni, altogether representing 101 countries.
- Selection criteria
  - Research excellence
  - Commitment to service/outreach
- Median age ~40 years old
- 5-year membership term





- high competitiveness
- job instability
- lack of recognition
- Limited publication opportunities
- lack to effective mentorship
- COVID-19



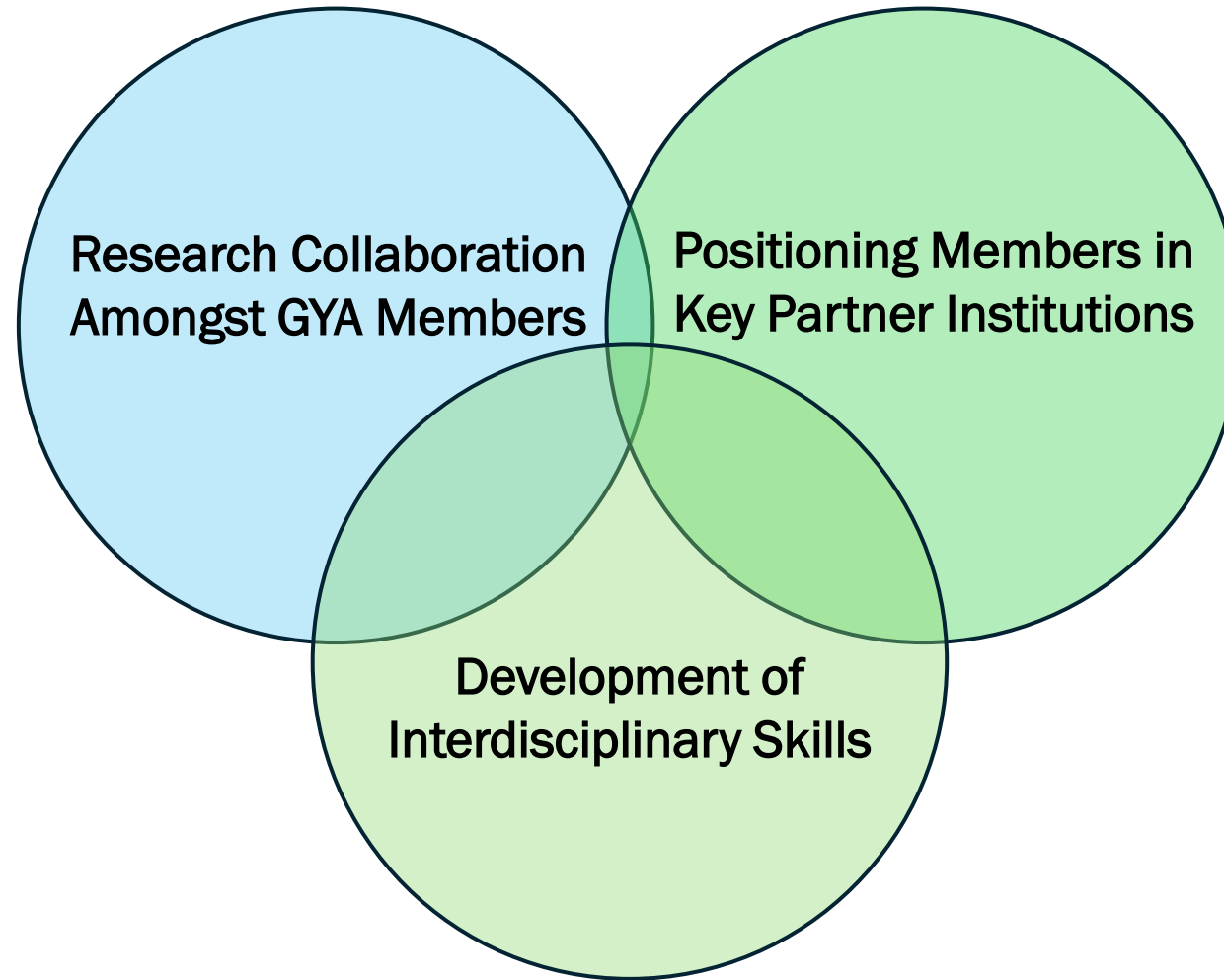
### **YOUNG ACADEMIES:**

- ✓ **Collaboration**
- ✓ **Networking**
- ✓ **Career development**
- ✓ **Transdisciplinary projects**
- ✓ **Science advocates**

- ✓ Champion diversity and inclusivity
- ✓ Provide role models for future generations
- ✓ Next generation of scientific leaders
- ✓ Exposure to important policy issues
- ✓ Growing recognition as a discrete stakeholder group



# This talk...



# 1. Research Collaboration Amongst GYA Members

Research Collaboration  
Amongst GYA Members

Positioning Members in  
Key Partner Institutions

Development of  
Interdisciplinary Skills

## 1. Sasha Kagansky Interdisciplinary Grants

Development of small-scale, innovative, curiosity-driven, exploratory research that unites researchers in low/middle-income and high-income countries



Sasha Kagansky Interdisciplinary Grant

An interdisciplinary database  
of ethics dumping cases  
(2023/24)



Sasha Kagansky Interdisciplinary Grant

Tracking Technology and  
Mealtime Conversations in  
Families (2022/23)



Sasha Kagansky Interdisciplinary Grant

Young Researchers and the  
COVID-19 Pandemic  
(2021/22)



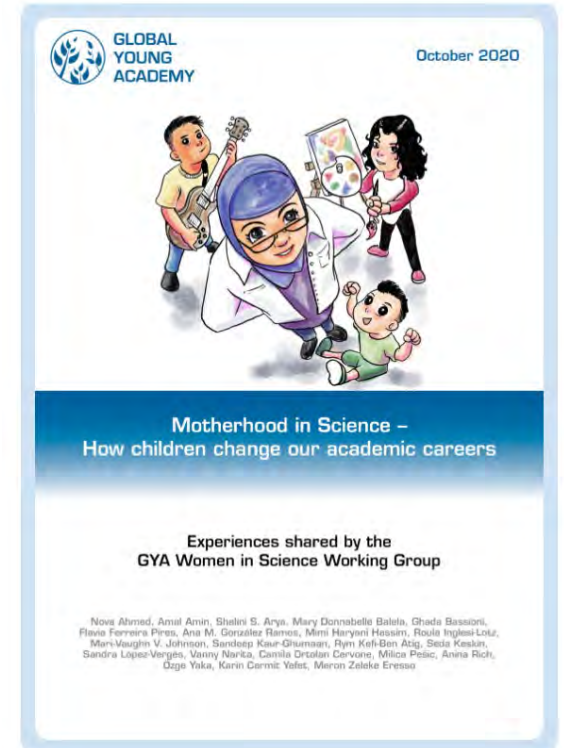
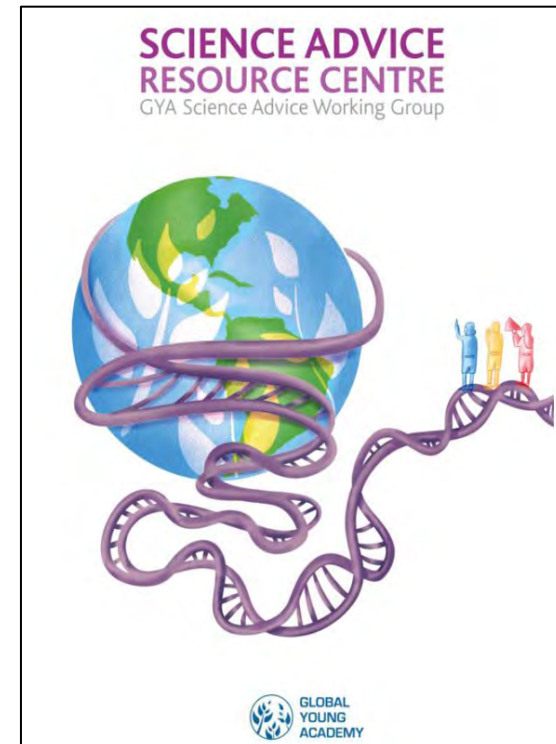
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## 2. Working Group activities





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Effectively for research via interdisciplinary working group  
Group for (Hybrid) Real-time Science from Global South

# 1. Research Collaboration Amongst GYA Members



## 3. Strategic Projects

### **The Global State of Young Scientists (GloSYS)**

- GloSYS AEAN Report 2017
- GloSYS Latin America Working Paper 2021
- GloSYS Africa (in preparation)

### **At-Risk Scholar Initiative**

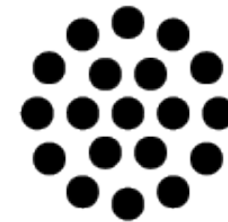
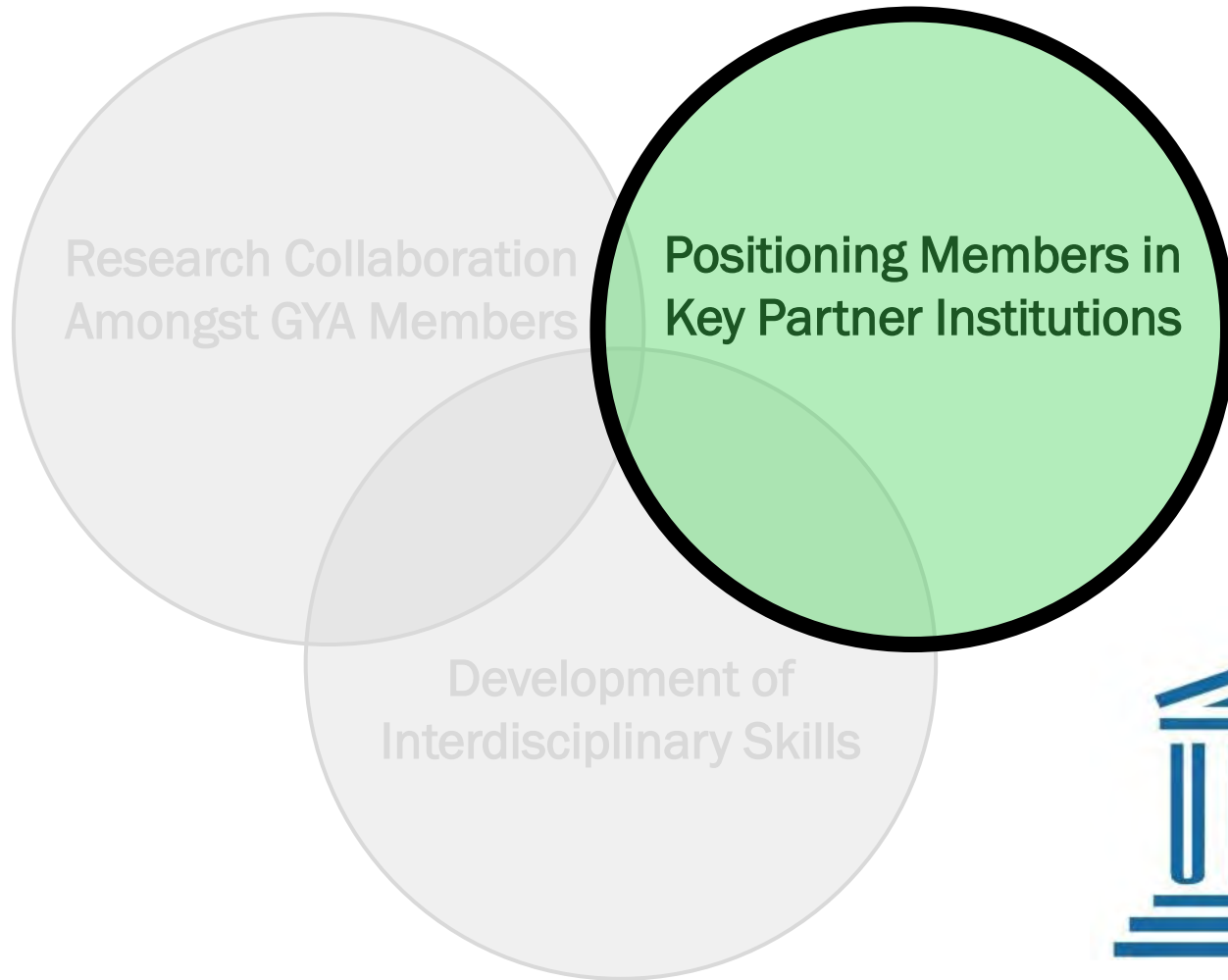
- Re-integration into a scholarly work environment
- Support exceptional ECRs at-risk

# 1. Research Collaboration Amongst GYA Members



Grants, working group activities and strategic projects catalyse inter-member collaborations

## 2. Positioning Members in Key Partner Institutions



**International  
Science Council**

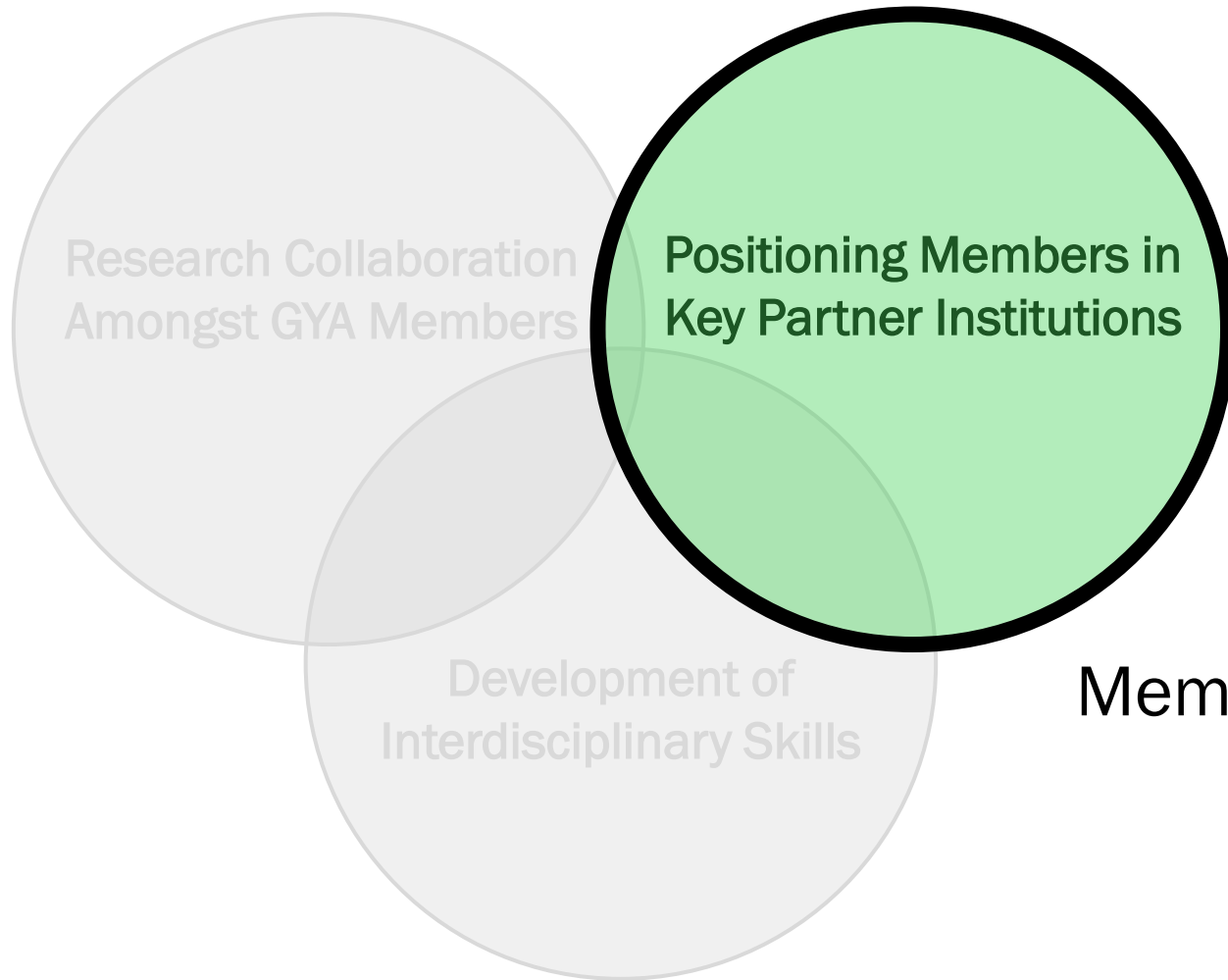


# Scientific Network Institutions

## UN Secretary-General Scientific Advisory Board



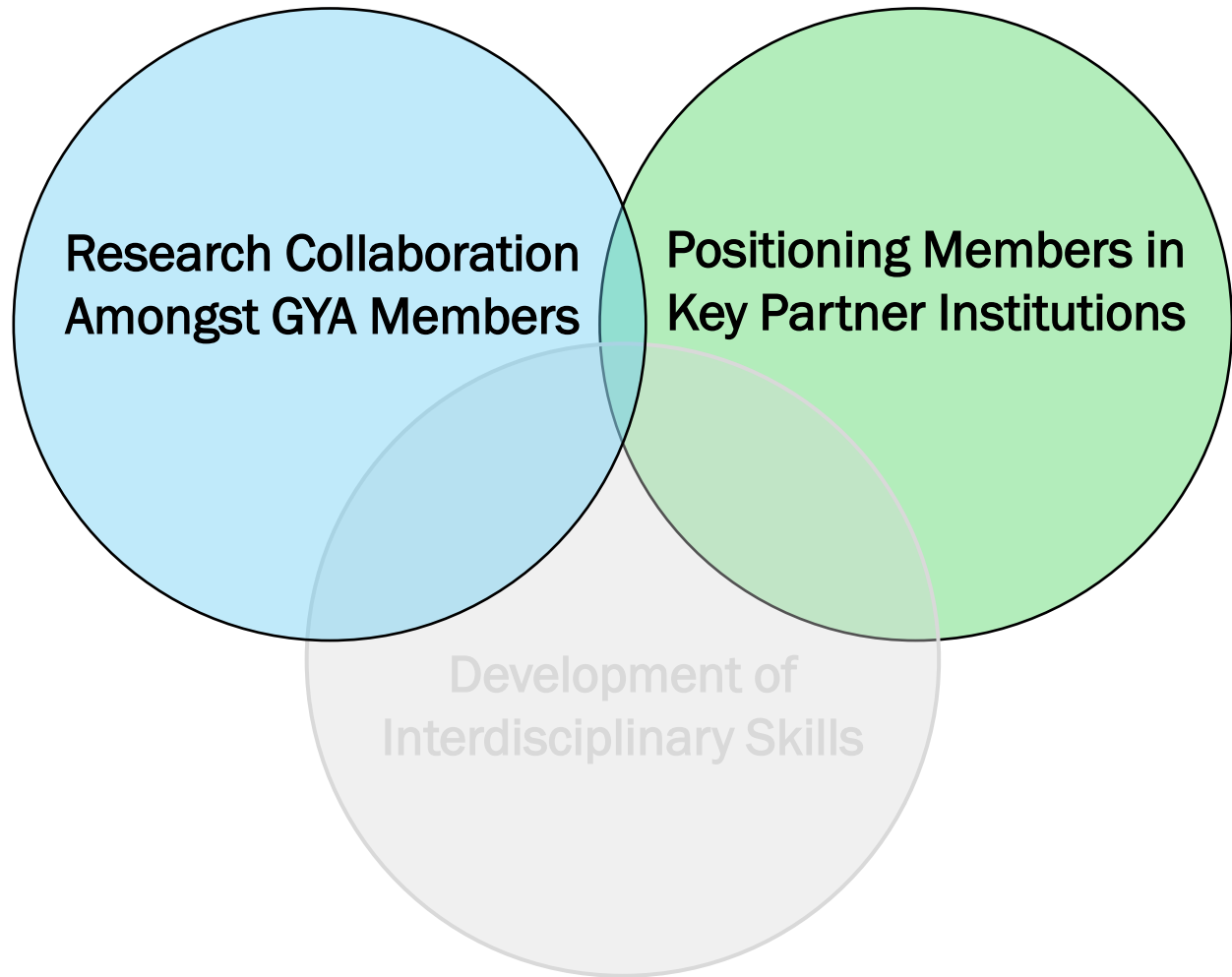
## 2. Positioning Members in Key Partner Institutions



2023 – 51 members nominated  
2022 – 39 members nominated  
2021 – 50 members nominated

Members well positioned and allocated in a range of diverse international and multilateral organisations

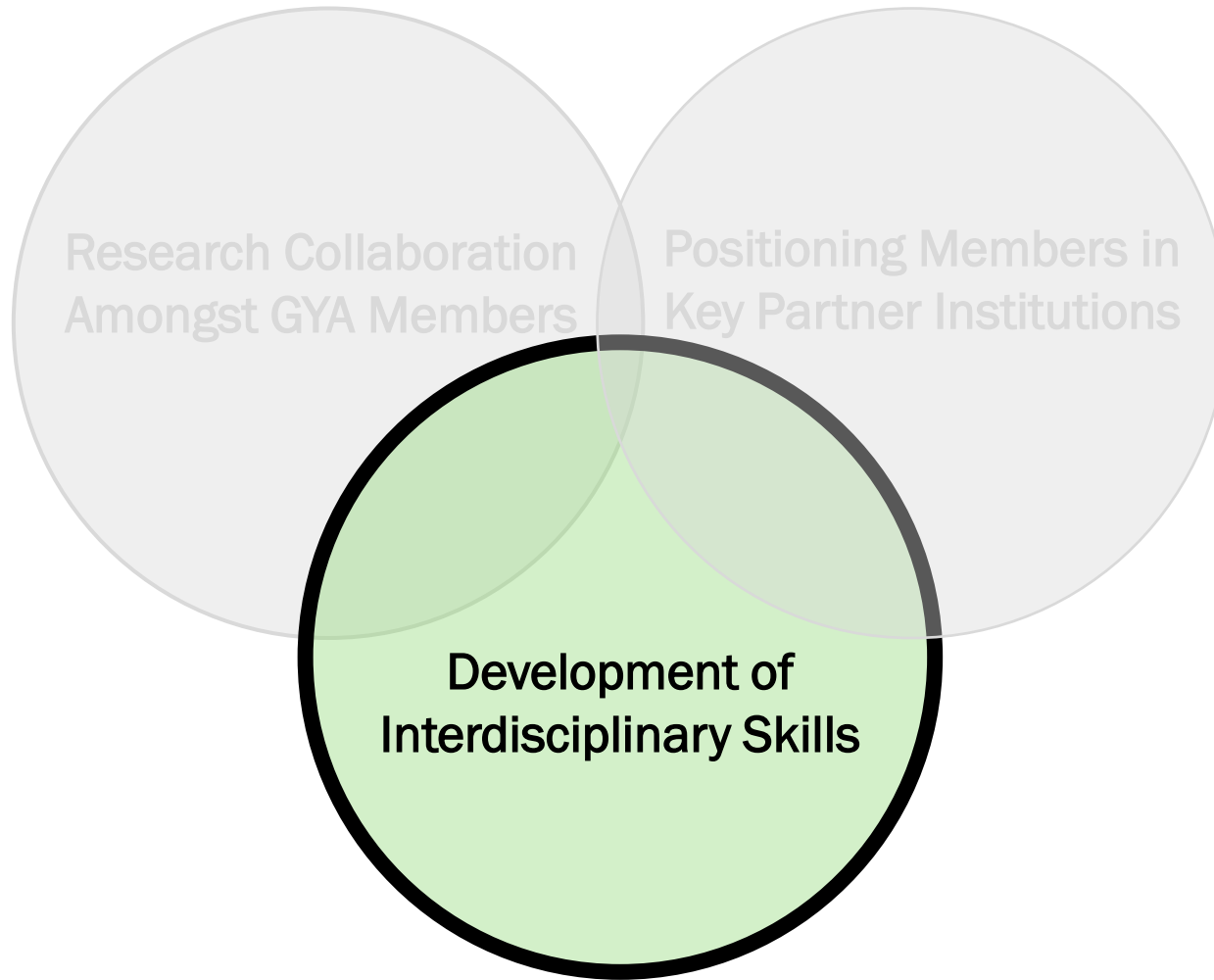




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### 3. Development of Interdisciplinary Skills

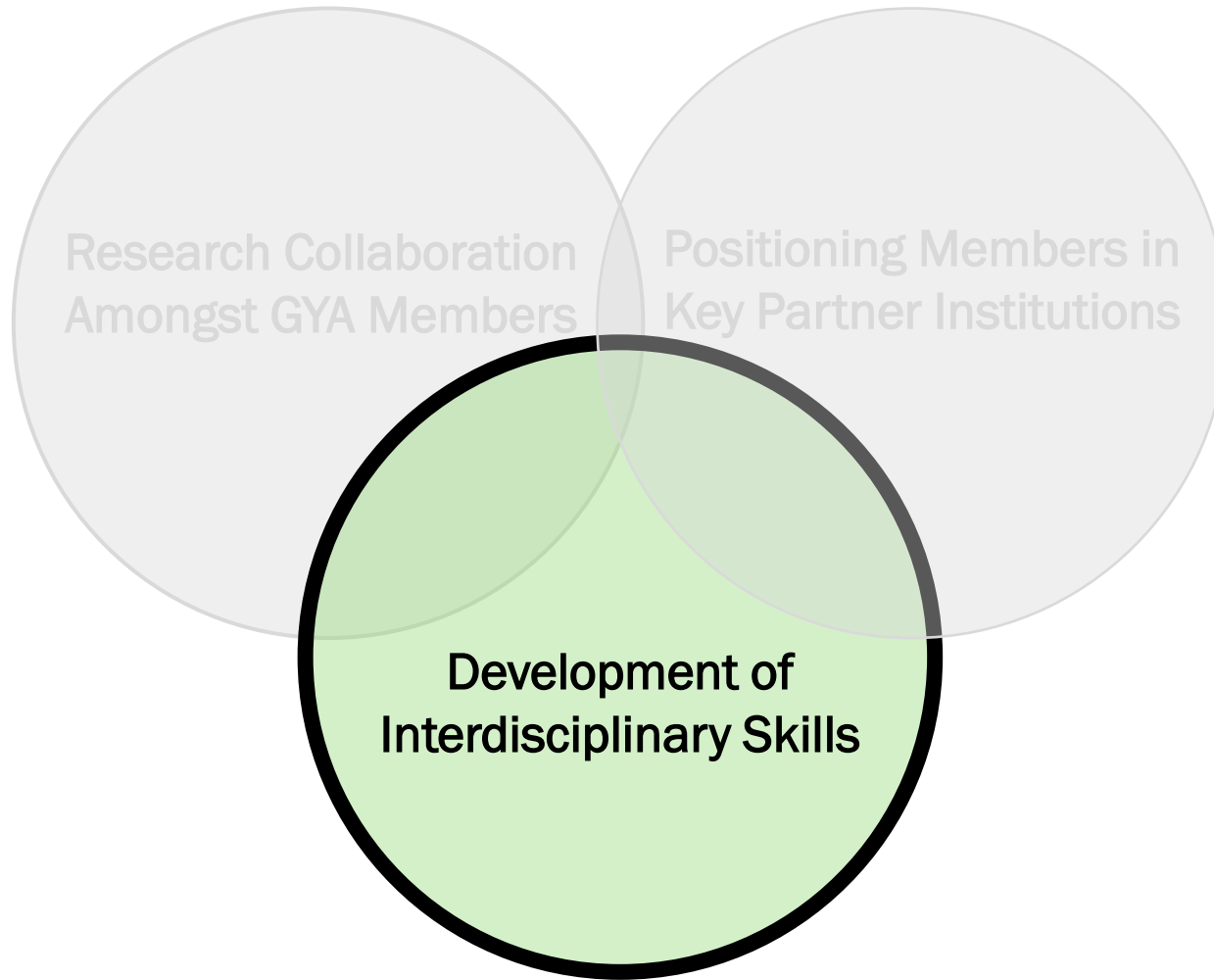


#### 1. Science Leadership Programme

Yearly training in collective leadership skills. The concept builds on the recognition that ECRs, as future science leaders, need leadership capabilities and strong networks to collaboratively address existing complex global challenges

- SLP Africa
- SLP Latin America

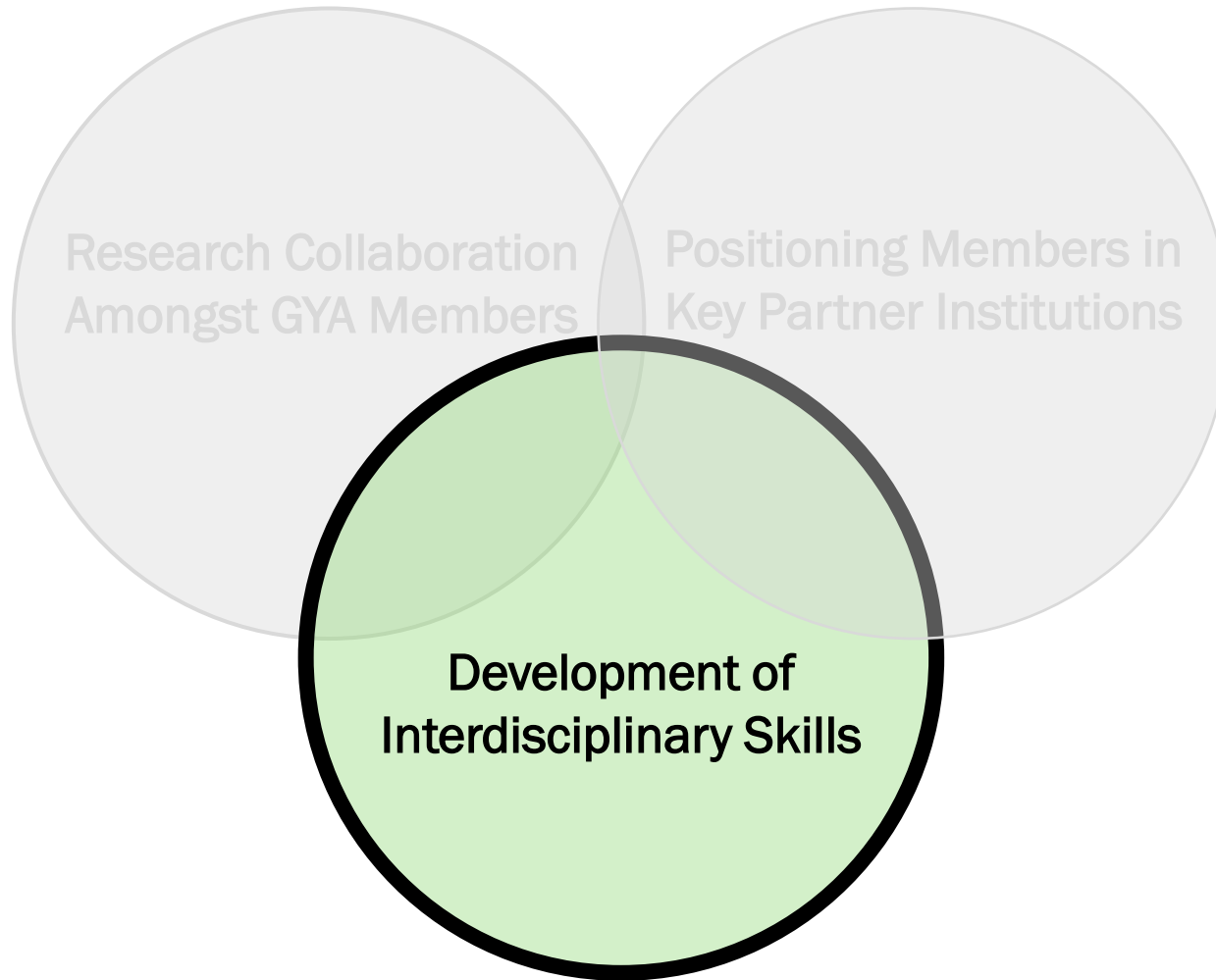
### 3. Development of Interdisciplinary Skills



## 2. Inclusive Leadership Training

GYA Focus Group on addressing systemic discrimination organised this workshop with the aim of fostering reflection and understanding on how bias works, and practice inclusive leadership skills that can be applied in academia and other contexts

# 3. Development of Interdisciplinary Skills



## 3. Science with Society (SCISO Project)

Video tutorials on science ethics and science communication

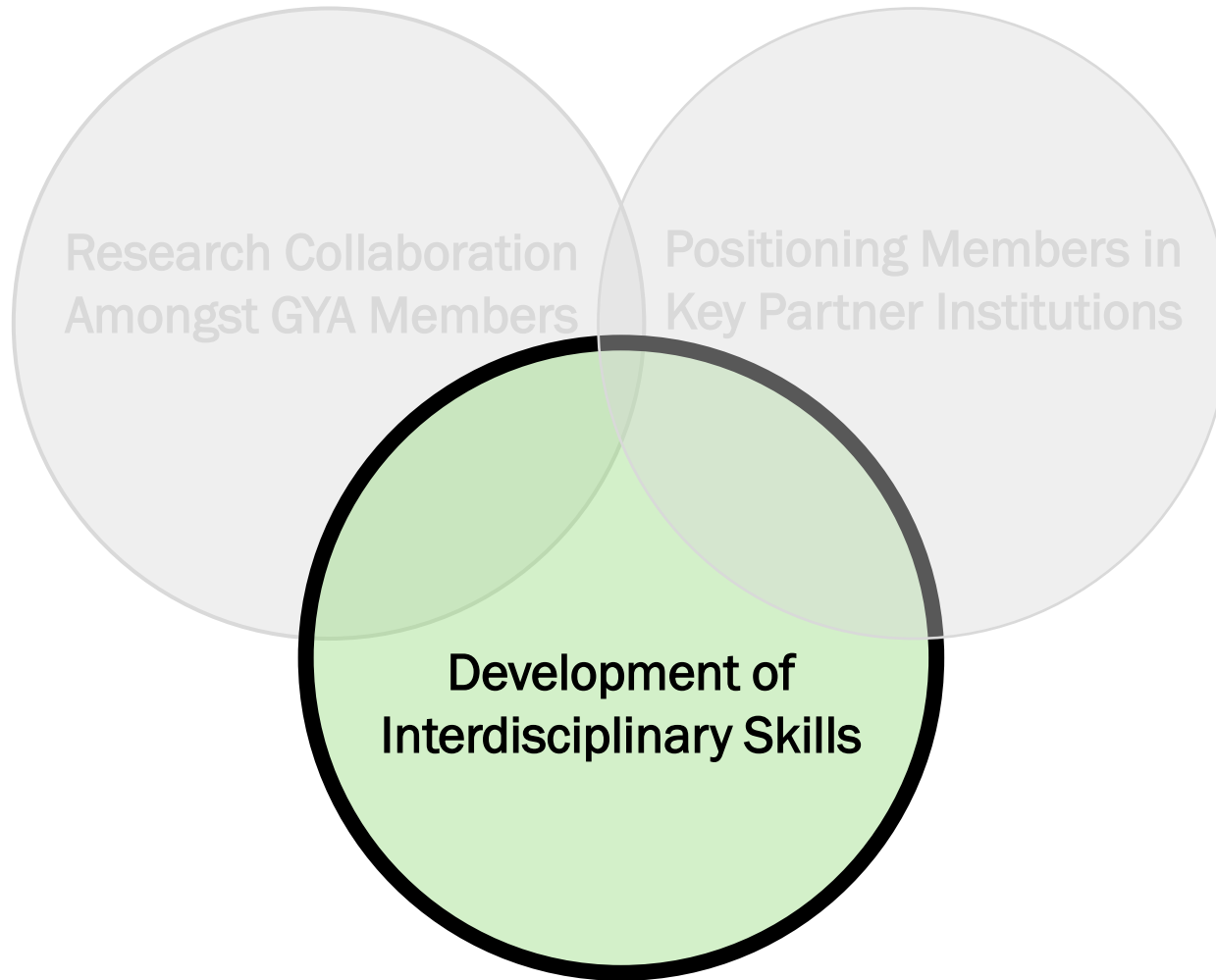
SCISO video tutorials  
1/9 tutorials

1	2	3
		
Science with Society (#SCISO) - Introduction 07:20	Science with Society (#SCISO) - Interacting with "lay people" 06:06	Science with Society (#SCISO) - Being responsible for your research 06:11

### 3. Development of Interdisciplinary Skills



### 3. Development of Interdisciplinary Skills



#### 4. Training in Policy Memo Writing

In collaboration with the Journal of Science Policy and Governance. Topics: Science Advice, Science Diplomacy

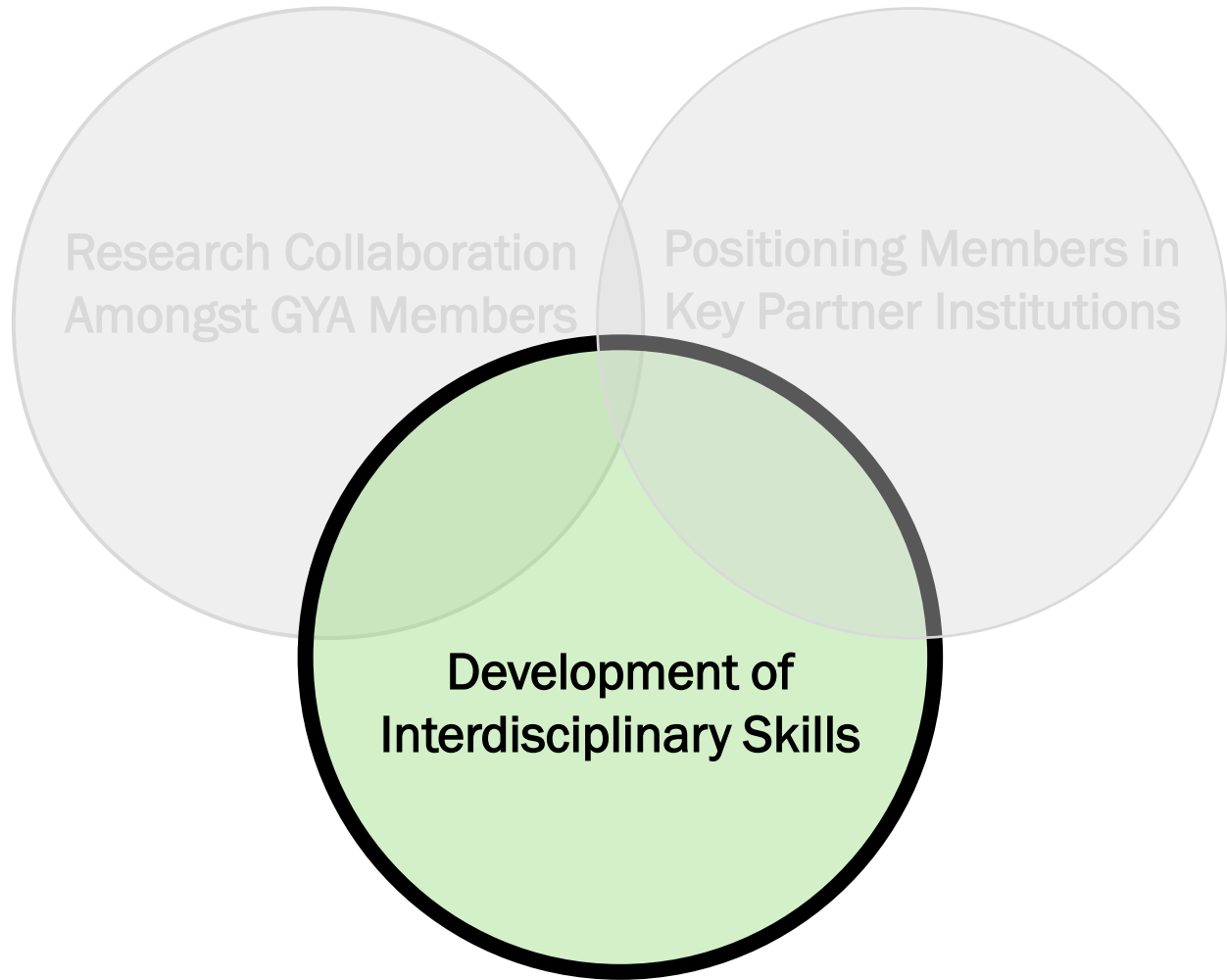
#### 5. Intercultural Communication Workshop

Introduction to cross-cultural communication principles

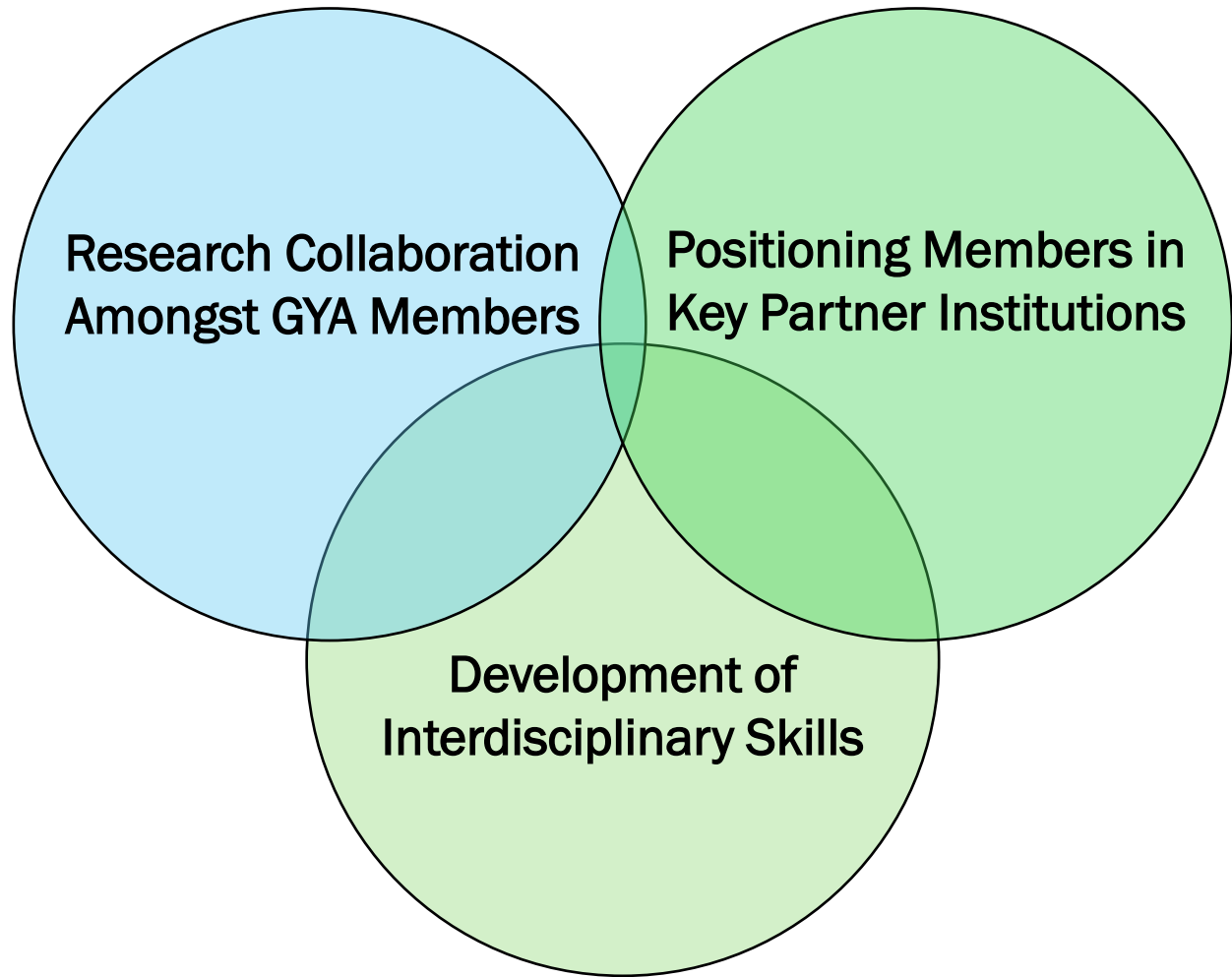
#### 6. Strategic Foresight Workshop

Group exercise on horizon scanning of biodigital convergence and new nomrality after covid

### 3. Development of Interdisciplinary Skills



Capacity-building and capacity-strengthening activities for members and stakeholders



- ✓ Grants, working group activities and strategic projects catalyse inter-member collaborations
- ✓ Members well positioned and allocated in a range of diverse international and multilateral organisations
- ✓ Capacity-building and capacity-strengthening activities for members and stakeholders



# Concrete Examples Linked to Past G7 Statement

## G7-Science Academies Statement 2016: “Nurturing Future Scientists”

## Global Young Academy:

- Career Development → ✓ Science Leadership Programme
- Scientists’ Assessment → ✓ CoARA
- Public Communication → ✓ SCISO Project \*
- Resource for Policy → ✓ Science Advice Resource Centre
- Developing Scientific Capacity → ✓ Interdisciplinary Grants “Sasha Kagansky”
- Access to Scientific Information → ✓ Advancing Biosecurity Project \*\*

# Call to Action

- ✓ Value intergenerational collaboration
- ✓ Recognize ECRs and their organizations as stakeholders
- ✓ Nurture the next generation of scientific leaders

# Nurturing Next Generation of Scientific Leaders

# Grazie! Danke! Arigato! Thanks

**Chandra Shekhar Sharma**

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