

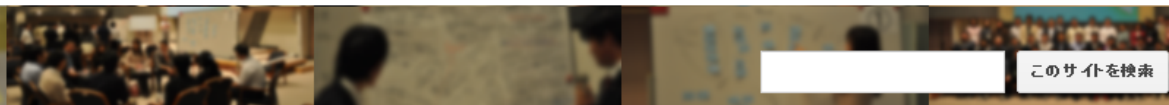
National Young Academy of Japan



Global Young Academy
The voice of young scientists around the world

第3回 SPARC Japan セミナー2014 駒井 章治 (奈良先端科学技術大学院大学)





News

[学協会「若手の会」代表者シンポジウム参加のお願い](#) 2013年3月17日(日) 13時~17時半 東京・大阪・インターネット

[科学・技術フェスタin京都 2013「若手研究者たちと考える、君達の、そして日本の未来」](#) 2013年3月16日(土) 15時半~17時

[学術の動向2012年9月号](#) 若手アカデミー委員会特集(無料公開中)

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若手アカデミー委員会とは / About Young Academy of Japan



日本学術会議若手アカデミー委員会は、日本学術会議内に設置されている、30~45歳代を中心とする若手研究者による組織です。

日本学術会議は「科学に関する重要事項を審議し、その実現を図ること」および「科学に関する研究の連絡を図り、その能率を向上させること」を職務としています。しかし、その構成員は50~60歳代が中心となっており、次世代を担う若手科学者の声は必ずしも反映されていませんでした。若手の立場から、いまある問題に対して智慧を絞り、発言し、活動することは、よりよい日本の未来に必須であると考えます。

1年半にわたる準備期間を経て、2011年11月に新しくスタートした若手アカデミー委員会は社会に対する活動と、学術界に対する活動を展開します。社会に対する活動は、若手科学者の視点を活かした提言活動、産業界、行政、NPOとの連携、科学コミュニケーション

の推進、Global Young Academyの活動への参画などです。一方で学術界に対する活動とは、主に若手科学者の意見収集と、それを踏まえた当事者の立場からの問題提起、学協会等の若手科学者団体や異なった諸分野の若手科学者間の交流とその機会の提供、各国若手アカデミーとの連携などです。上記のように、国内だけでなく、国際的な問題にも取り組んで国際的な素養を培っていきます。

若手アカデミー委員会は、未来の日本の学術、ひいては日本のため、活発な活動を行っていきます。

Young Academy of Japan is a committee established within the Science Council of Japan, consisting of young scientists broadly ranging from 30 to 45 years of age.

The Science Council of Japan has two main functions: (1) to investigate, and help to resolve, important scientific issues; (2) to foster coordination between distinct scientific research areas toward increased productivity. Since the Science Council of Japan is composed mainly of members whose ages range in the fifties and sixties, the Council does not necessarily reflect the voices of young scientists, who are the bearers of the future of Japan.

Clearly, it is vital to the future of Japan that the younger generation of scientists be engaged in tackling current problems, speaking out, and taking action. Therefore, after 18 months of planning and preparation, Young Academy of Japan was launched to conduct, primarily, two kinds of activities: social and scientific.

Our social activities include proposing activities to be initiated by young scientists, enhancing industry, government, and NPO collaboration, promoting science communications, and participating in the Global Young Academy. Meanwhile, scientific activities include gathering the opinions of young scientists, facilitating presentations on important issues by young scientists, expanding interdisciplinary and other exchanges among young scientists, and providing opportunities to exchange and form connections with members of young academy associations worldwide. Moreover, Young Academy of Japan will address both domestic and international issues, while cultivating and encouraging international achievements by young scientists.

Young Academy of Japan will be very active in shaping the future of Japanese science, and the future of Japan more generally.



Constitution

- NYA of Japan is one of the committees of Science Council of Japan (Senior Academy), which has been officially launched since November 4th, 2011 after one and half years preparation.
- 29 young scientists
- Scientific diversity (from philosophy to math)
- 5 senior members (including 2 EC members of Senior Academy)



Meetings in the last year

- General meeting 6 times
- EC meeting once
(web-based EC meeting each 2 weeks)
- E-mail discussion 5 times

Intensively utilize web-based meeting system

→ one of the possible clue for our own issue, such as taking care of children.

We've shown the web-based meeting system is one of the feasible option to have a meeting even if we are scattered all over Japan.



The network among Young Scientists (Established on Dec, 2012)

Three goals for launching the first huge interdisciplinary network all over Japan

1. To promote interdisciplinary innovations
2. To summarize the opinion of young scientists, and appeal with this summary for the government or other stakeholders
3. To make a close relationship with young scientists abroad

Friendship with 86 groups



Workshop



- ✓ Workshop “Think together with young scientists about the future of you and Japan”

Every year since 2011

Theme: “Science and Technology in 2050”

Attendees:

High school and undergraduate students
High school teacher etc.
and young scientists of Universities

Eg. Importance of transportation as a communication tool even in the society where we thought to be addicted to internet.



International relationship

- ✓ GYAGA (South Africa/ Germany/ Chile)
- ✓ NYA international symposium (the Netherlands)
- ✓ Summer Davos (China)
- ✓ IAP meeting (Brazil)
- ✓ STS Forum (Kyoto)

- ✓ Japan-Sweden international young scientist meeting (Sweden)

- ✓ Asian Regional Meeting in Japan early this year.





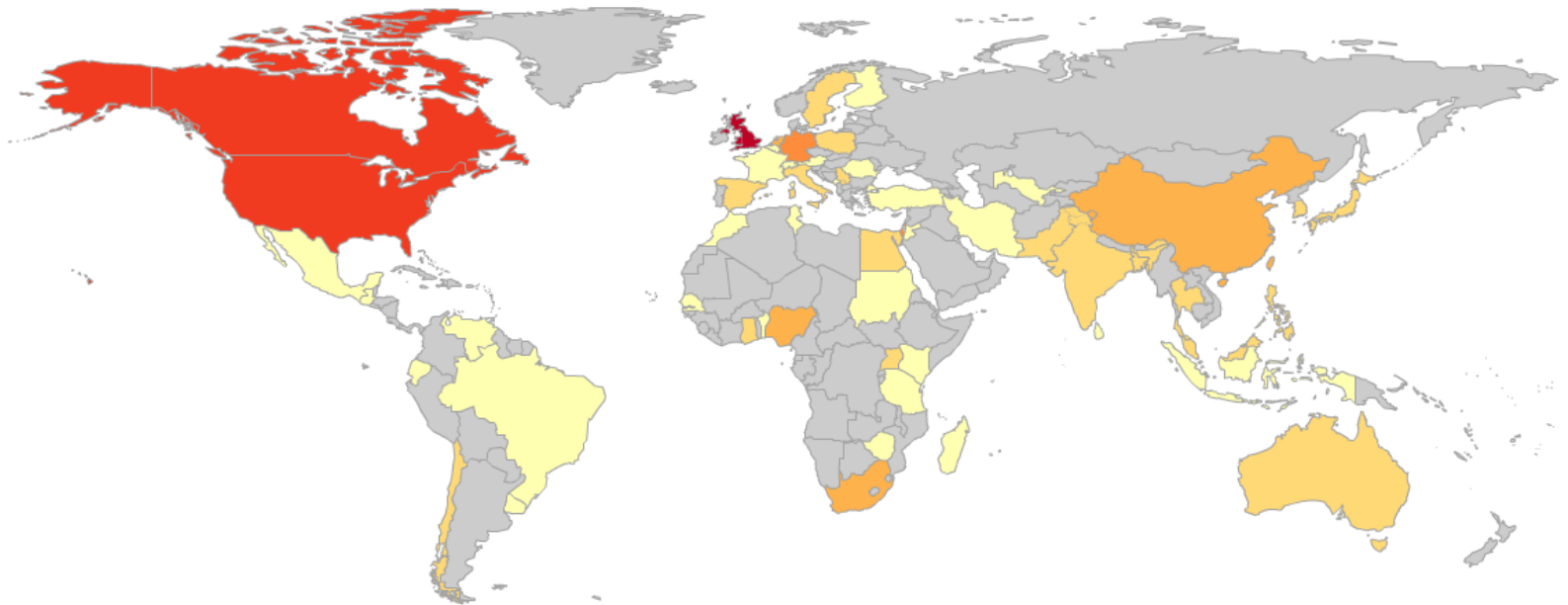
Global Young Academy

The voice of young scientists around the world



General Assembly in Santiago de Chile, 2014

Who we are

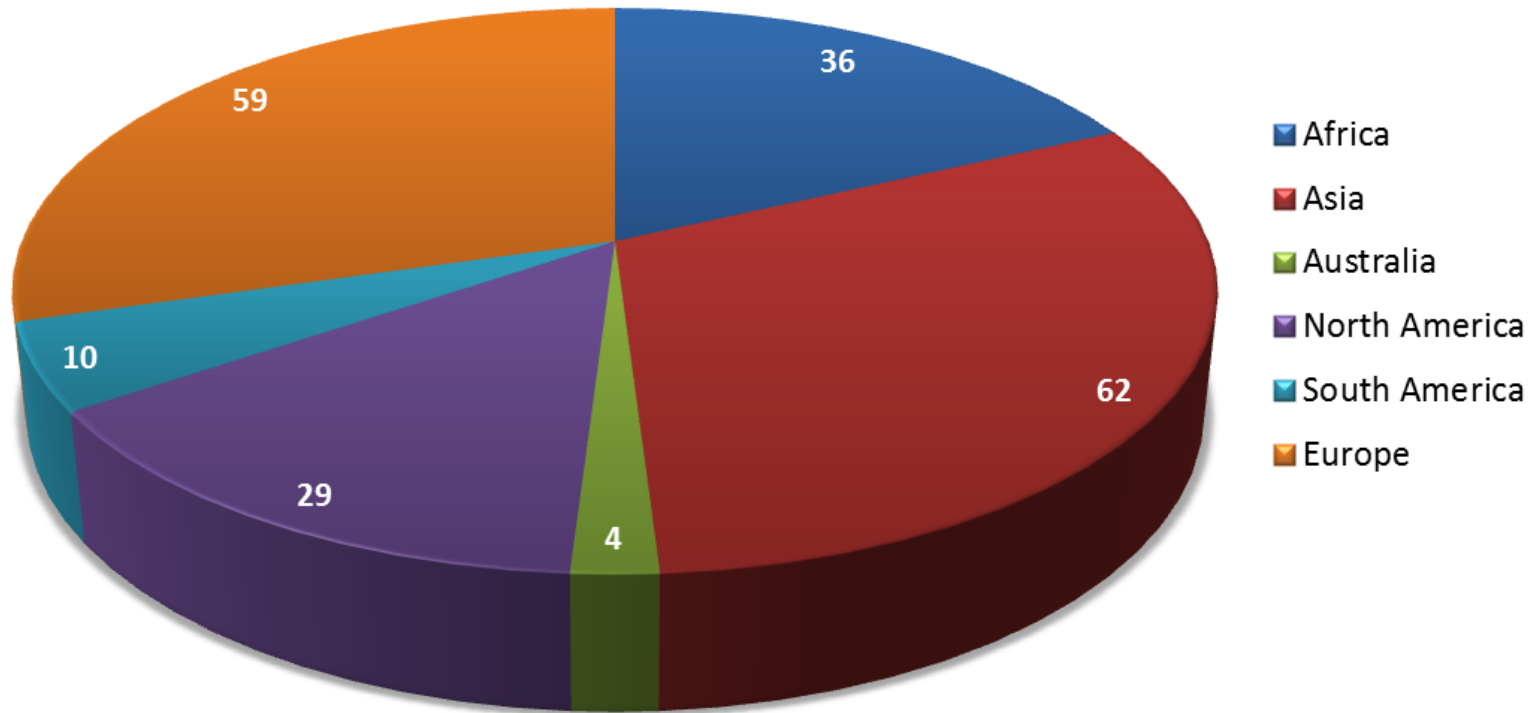


- An academy of 200 early career researchers (meaning roughly within 10 years of PhD) representing all major regions around the world
- Selection criteria:
 - Research excellence
 - Commitment to service/outreach
- **Your best bet on the global scientific leadership in the next 5-15 years**

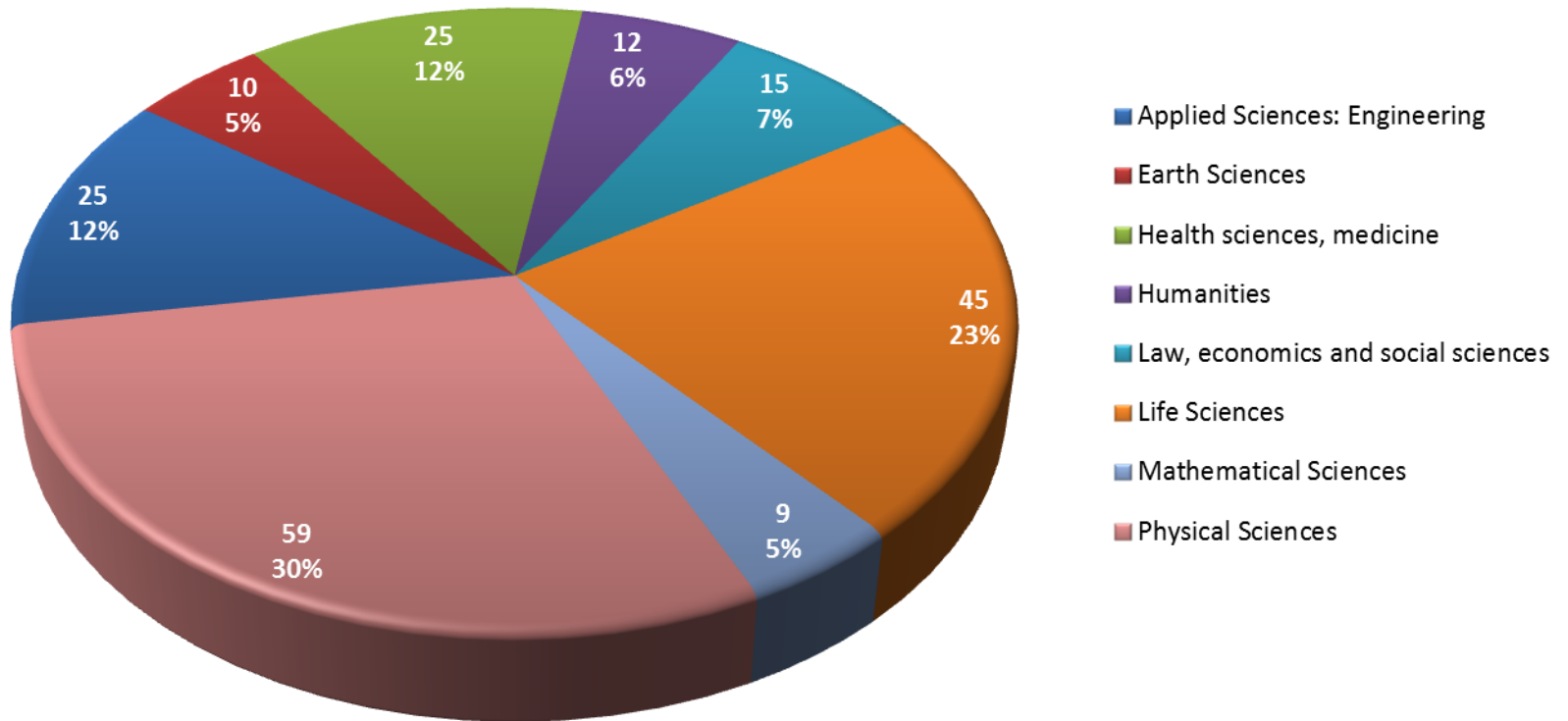


Membership

Members by Continent 2014



Members by Discipline 2014



Global State of Young Scientists Report Launched

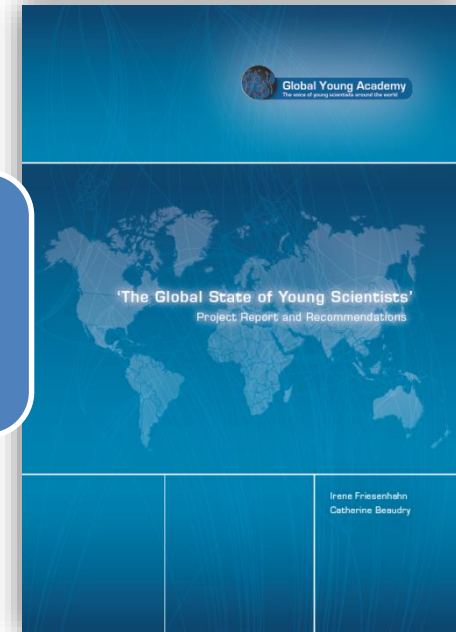
Literature

Collection &
Assessment

Interviews

Online
Survey

GloSYS
Project
Report



- **Lack of support, mentorship**
- **Little transparency**
- **Work-life imbalance**
- **Regional disparities**



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Publicity



THE Times Higher Education
AT THE HEART OF THE HIGHER EDUCATION DEBATE

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Europe's early career researchers gloomy over prospects

30 JANUARY 2014 | BY HOLLY ELSE



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NATURE | NEWS

'Extreme' workloads plague scientists at the start of their careers

But survey finds other concerns vary from country to country.

Elizabeth Gibney

22 January 2014



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Issues and Perspectives

An Emerging Global Picture of Early-Career Scientists

CREDIT: Public Domain

Email Article | By Elisabeth Pain | January 27, 2014



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Global Young Academy's first Arab co-chair

Published online 2 July 2013

Sameh Soror aims to attract more Arabs to the international society of early-career scientists.

Sara Osman



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Comment, Opinion, Research

GYA Position Statement on Global Research

Towards a Global Research Culture

Following the General Assembly of the Global Young Academy (GYA) in May 2013, members identified three key challenges – inclusivity, capacity building and sustainability – standing as barriers to achieving a truly global and open research culture. This statement discusses these challenges and ways to confront them in the future.

At the heart of the scientific enterprise lies a set of core values including equality, equal opportunity, and inclusivity that, together, allow the scientific process to work most effectively. Efforts to support and promote these values have proven challenging and, at

Perceptions of Research Excellence in Thailand and Japan[†]

Kasama Kongsamak,^{*} Punchalee Pungpit,^{**} Mitsunobu R. Kano,^{***} Shoji Komai,^{****} Wibool Piyawattanametha,^{*****} & Orakanoke Phanraksa^{*****}

Abstract

This paper explores how research excellence is perceived among researchers in Thailand and Japan with an aim to explore whether there are any new indicators that could later be proposed and adopted as criteria of excellence. Based on a questionnaire survey, the findings reflect ideas and viewpoints that could be found among researchers in both countries. Creative researchers are crucial to a strong national research and innovation system. Institutions should provide an environment or incentives based on research performance

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The Global Young Academy:
Providing a Voice for Young Scientists in the Sustainability Debate
by Michael Sutherland and Javier Garcia-Martinez

A sustainable future is one in which energy production, resource use, and economic progress are optimally managed to ensure the long-term

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09/07/13
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UN Science Advisory Board inaugural meeting



Engagement with other international organizations

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ICSU

International Council for Science

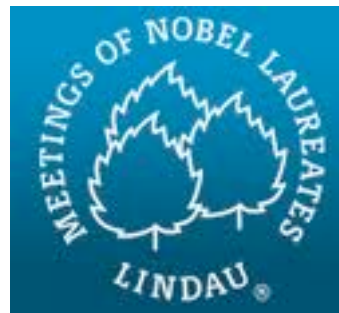


JOINT RESEARCH CENTRE

The European Commission's in-house science service



United Nations Educational Scientific
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twas



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1st Regional Meetings

Africa



Asia

