

The ABCs of Research Grants, Fellowships and Publications

by

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Outline

- My journey
- Your Research Proposal
- Research grants and fellowships
 - PG, Postdocs, Early Middle Career, Women, ...
- Research Publishing
 - Where to publish, How to identify a target journal
- Online Presence: how to navigate the maze
- My Research Interests
- My Current Research
- Conclusion
- Acknowledgements



My Journey

- Numerous Research proposals – 8 years+
- Research grants won:
 - L'Oreal-UNESCO
 - ACU Early Career Grant
 - Royal Society Commonwealth Travel Grant
 - Royal Society Commonwealth Conference Follow-On Travel Grant
 - IUTOX Junior Scientist Travel Fellowship
- Publications
- Professional Consultancies
- Local & Int'l Network, Collaborators, Mentors
- Continuing Education Courses and Skills training
- Student Seminar and Project supervisions

Your Research Proposal





Research Grants & Fellowships

- They are funds that are sourced from **local** and/or **international donors**.
- These include governments, universities, non-governmental organizations, industry, individuals, foundations, national academies, academic / professional societies, etc.

Research Grants & Fellowships, Cont'd

- It is usually **non-refundable**, however, a **report** of how the fund was utilized and **outputs of the research** is required to be submitted to the funder.
- **Research Fellowships** include short-term (3-6months), long-term (12 months up), awards for visiting scholars, etc.

Research Funding for Postgraduate Students

- TWAS Fellowships – MSc, PhD, Postdoc, ...
- SETPOM Student Research Grants
- Fulbright Scholars Program
- DAAD Scholarships – MSc, PhD, Postdoc
- IFS Individual Grant
- WARC Travel grant – MSc, PhD (\$3000)

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

twas

THE WORLD ACADEMY OF SCIENCES
for the advancement of science in developing countries



**INTERNATIONAL
FOUNDATION FOR
SCIENCE**



Research Funding for Postdoctoral Candidates

- West African Research Association (WARA) Residency (\$6000) – US Host
- PADI Foundation research grants - \$5000 - \$20000
- Alexander Von Humboldt (AvH) Georg Forster Research Fellowships for Postdocs
- Toyota Foundation Individual Research Grant - 1 Mil Yen (N3M)



PADI FOUNDATION

Alexander von Humboldt
Stiftung/Foundation

Research Grants/Fellowships for Middle-Career/Experienced Scientists

- Africa-Oxford (AfOx) Visiting Scholars Programme – University of Oxford Host
- AfOx Travel grants (\$5000)
- AvH Georg Forster Research Fellowships for Experienced Researchers – 5 years post doc up
- Matsumae Int'l Fellowship, Japan



The Matsumae
International Foundation

Fully Funded Research Fellowship in Japan

3 to 6 months, between April 2019 and March 2020



Research Funding for Women Scientists / in STEM

- **Schlumberger Faculty for the Future** – applications are currently being received (\$50000 & \$40000) – For Predocs and Postdocs.
- **L’Oreal-UNESCO For Women in Science in Sub-Saharan Africa Fellowships** (Ph.D students - €5000, Post-Docs - €10000)
- **OWSD** – PhD Training in African Universities.



Other Funding Opportunities: Funding Databases

- Terra Viva
- AuthorAID Funding News
- The Royal Society
- Association of Commonwealth Universities Fellowships and Grants
- RUFORUM

THE
ROYAL
SOCIETY

AUTHOR AID



Terra Viva
Grants Directory



Other Funding Opportunities: Collaborative Research Grants

- These usually involve multiple disciplines, institutions and/or multiple countries.
- International Foundation for Science (**IFS**) Collaborative Research Grants
- The World Academy of Sciences (**TWAS**) research grants for groups
- Partnerships for Enhancement and Engagement in Research (**PEER**) - \$100,000

Other Funding Opportunities: Development/Equipment Grants

- Seeding Labs – Ex. of Winners; UniLag, Redeemers University, Univ. of Ibadan
- Cambridge-Africa Alborada Research Fund - £5000 - £20000
- CRDF Global



Research Publishing: Where to Publish

- Institutional Journals
- Reputable publishers: Elsevier, John Wiley, Taylor and Francis, Springer, Nature, Science
- Professional Society Journals
- National Academies of Science
- Journals your academic mentors are publishing in



ELSEVIER



AJOL



Springer



Taylor & Francis Group
an **informa** business

WILEY

Research Publishing: How to Identify a Target Journal

- Impact factor
- Audience and reach
- Timing from submission to decision
- Google Scholar alerts
- **Journal Finder / Suggesters**



Research Publishing: How to Identify a Target Journal, Cont'd

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Search results (4)

Journal title **Sort by Match** ↓ Impact Factor CiteScore Open Access Review speed Acceptance Production speed

Journal of Informetrics

[More metrics details](#) [Scope and information](#)

 2.92	 2.99	 3 weeks	 28 %	 7 weeks	 Optional	 36 Months	 \$ 1,800 More info	Submit paper
Match	Impact	CiteScore	Review speed	Acceptance	Production speed	Open Access	Embargo period	OA Fee + License

BBA General Subjects

[More metrics details](#) [Scope and information](#)

 4.702	 4.9	 3 weeks	 31 %	 1 weeks	 Optional	 12 Months	 \$ 4,050 More info	Submit paper
Match	Impact	CiteScore	Review speed	Acceptance	Production speed	Open Access	Embargo period	OA Fee + License

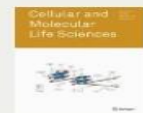
Cellular and Molecular Life Sciences

5.788
Impact Factor

12 days
First decision (average)

26%
Acceptance rate



BMC Biology



6.779
Impact Factor

10 days
First decision (average)

15%
Acceptance rate



BMC Genetics



2.266
Impact Factor

39 days
First decision (average)

47%
Acceptance rate



Research Publishing: Titbits

- Practice makes perfect.
- Don't be discouraged. Use the reviewer's comments as a stepping stone to a better manuscript
- Ethical considerations.
- Author Online presence: ORCID, Researchgate, Academia, LinkedIn, Personal website, Institutional Website, Twitter, Facebook,

Online Presence: How to navigate the maze



Online Presence: How to navigate the maze, Cont'd

- ORCID, Researchgate, Academia, ResearcherID, Google Scholar, LinkedIn, Personal website (Free: wordpress), Institutional Website, Twitter, Facebook, Blogs, etc.

Google Scholar

RESEARCHERID



THOMSON REUTERS



ResearchGate



Academia.edu

share research

ORCID

Connecting Research
and Researchers

LinkedIn



How to Learn More...

- Webinars
- Free Online Courses
- Online Presence
- Past Winners / Grantees
- Your network



My Research Interests

- Ecological risk assessments of polycyclic aromatic hydrocarbons (PAHs), VOCs, organochlorine pesticides (OCPs) and wastewaters.
- Developmental biomarkers in model fish species exposed to PAHs, OCPs, effluents and coastal sediments
- Molecular and behavioural markers of exposure to and effects of PAHs and OCPs
- Application of OMICs in ecotoxicology studies
- Method development for fish embryotoxicity studies using indigenous fish species
- Bioremediation of organic pollutants in aquatic ecosystems
- Environmental risks communication to stakeholders and policy makers

My Current Research

- Modelling of climate change-pollutants-fisheries interactions in coastal and marine ecosystems.
- Environmental Risks and Stakeholders Perception of the Impact of Specific Anthropogenic Activities on Aquatic Ecosystem Receptors

Acknowledgements

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FUNDERS:





THANK YOU
for your
ATTENTION!

