

Request for Proposal Badminton Sport Science Research Grants



Badminton Research Grants 2021 / 2022

To support research and the goals of the BWF Sport Science and Medical Research Commission, the Development & Sport for All Committee has budgeted US\$ 95,000 for post graduate research grants for 2021 / 2022. These will be distributed to institutions / individuals based on the process and criteria details below

This document details the following:

- The background to the Research Grants
- The process of application
- Criteria for evaluation of proposals
- Time frames
- Supporting documents
- Reporting obligations of the successful grant applications
- Contact person

Background to Grants

The BWF has a Sport Science Commission which has three key goals (see the BWF Corporate website for more information):

1. Encourage and widen interest and investment in applied research in Badminton.
2. Improve the level and quantity of scientific material available to players, coaches and badminton practitioners.
3. Contribute towards the increased knowledge on performance and safety at the international level - for coaches and players.

Research is one key area of focus for the Commission – the scope of this is to:

4. Provide expert advice to the BWF on innovation and potential impacts on changes to the game.
5. Assist with the development of a research network of sports universities, institutions and individuals.
6. Identify underdeveloped areas of knowledge and establish projects to improve this.
7. Develop criteria and processes to assess potential BWF funded research projects.
8. Identify possible external funding sources for research in Badminton / related areas.

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Sport Science Research Grants

The BWF provides the opportunity for research institutions and individual academics to apply for research grants to assist in the funding of applied sport science research in badminton. In this year's funding, BWF are particular interest in research connected to:

1. Badminton for physical activity and well-being
2. Inclusive badminton
(people with disabilities/gender inclusivity/underprivileged and vulnerable communities/older adults)
3. Injury Prevention (BWF Consensus Project developed – *pending review*)

Grant applications may come from institutions or individual academics conducting research in any of the following areas relevant and specifically applicable to badminton:

- Physiology
- Biomechanics
- Sports psychology
- Performance analysis
- Match analysis
- High performance pathways
- Sports Anthropometry
- Sports injuries / injury prevention
- Or other areas as agreed by the Sport Science Commission.

BWF wishes to promote research projects that focus on topics that are highly relevant to its Member Associations.

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Summary - Application Process & Deadlines

The application and implementation process shall follow these steps:

08 March 2021	Online Application Opens	Wide distribution through MAs / Academic Institutions / Research Centers.
31 May 2021	Deadline for Proposals	Applications must be submitted through the official application online form.
31 May – 28 Jun. 2021	Evaluation / Selection	Recommendations of evaluation panel sent to the BWF Sport Science Commission for final approval.
28 Jun. – 05 Jul. 2021	Applicants informed	Sample Research Grants Agreement sent.
05 – 12 Jul. 2021	Agreement signed	Both parties
12 - 06 Aug. 2021	Grant funding released	BWF
21 January 2022	Progress Report 1	Against agreed areas of reporting.
11 November 2022	Progress report 2 (Final Report)	Against agreed areas of reporting.

Supporting Documents

Applicants must upload the following supporting documents with their application:

- 1. Researcher CV**
Updated Curriculum Vitae.
- 2. Endorsement Letter**
From your Academic Institution, Research Center or from your Member Association.
- 3. Budget and Budget Justification**
Detailed budget breakdown in Excel format and Budget Justification in Word format

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Budget Justification

Researchers are requested to submit a budget justification to explain and justify the expenses outlined in the proposal budget.

The researcher should accurately reflect the costs of the proposed research project. The budget justification provides the BWF and the evaluation panel with information such as why costs are necessary and how they are calculated.

BWF Research Grants intend to cover the following direct costs:

- Domestic travel - relevant to the research project
- Investigators allowance
- Specialised software
- Supplies and equipment directly related to the project

Funding not supported by BWF Research Grants includes:

- Salaries
- Taxes
- Tuition fees
- International travel (unless it is agreed with BWF)
- Institutional overhead
- Expenses incurred prior to the effective date of the grant
- Writing/publication expenses
- Living expenses
- Contingency funds
- Miscellaneous expenses
- Fees paid for external consultant or vendor

Assessment Criteria for Proposals

In evaluating applications for grants, the following criteria shall apply:

4. **Relevance** - The research question is relevant and specifically applicable to badminton and the context of badminton;
5. **Outcomes** - The outcomes benefit badminton players, coaches or entourage members;
6. **Originality** - The focus of the research is a new area of research for badminton or adds value to existing research in badminton.
7. **Quality** - The research proposal has a high quality of design and methodology.
8. **Mechanistic Insight** - The researcher has an existing interest in the sport and what is current and relevant for badminton.
9. **Immediate Impact** - The research has as an applied aspect - clinical or training / performance.

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Evaluation Panel / Process of Selection

A panel will evaluate the applications for research grants for each round of applications / grants. Each evaluation panel shall be made up of:

- The chair of the Development and Sport for All Committee or delegated member of the Committee
- Two members of the BWF Sport Science Commission
- The BWF Director of Development

The panel recommends the list of awardees and research focuses to the Sport Science Commission who will confirm the awarding of the grants. Panel members should not have any relationship with applying institutions or connected individuals which could be deemed as a conflict of interest.

Monitoring and Reporting on Research Grants

A Research Grants Agreement will be signed, between the BWF and the grant awardee – individual academic or institution - which covers the following areas:

1. Focus of Research
2. Research question(s)
3. Methodology
4. Expected outcomes / findings and its applicability to badminton
5. KPIs against stages of the project
6. Allocation of grant / part of grant against KPIs or stages
7. Confidentiality and communication
8. Publication rights

A member of the Sport Science Commission will monitor progress against the research plan of each project.

Researchers awarded grants by the BWF will have fifteen months to produce a 20-page final report. Researchers will also be asked to produce an Abstract of two pages (approx. 600 words) and a Poster Presentation where the project experience is explained in a short and graphical way. Applications and final reports must be written in English.

Research Content Publication

BWF has teamed up with the International Journal of Racket Sport Science racketsportscience.org. A number of selected high-impact projects will also be considered for publication on the International Journal of Racket Sport Science.

Contact Person

For more information about the BWF Sport Science programme and assistance on the research grants application process, please contact BWF Development Officer Tracy Tan, t.tan@bwfbadminton.org.