

Title	アフリカで野球、保健セクター、スタートアップ、協生社会実現のための人づくりとは？
Sub Title	What kind of human capital is necessary to realize a coexistence through baseball, in the health sector, for startups, and other initiatives in Africa?
Author	國枝, 美佳(Kunieda, Mika)
Publisher	慶應義塾大学
Publication year	2024
Jtitle	学事振興資金研究成果実績報告書 (2023.)
JaLC DOI	
Abstract	ガーナにおける野球指導と介入効果調査：活動報告 はじめに 本報告書は、2023年9月にガーナ大学スポーツ科学部と協議した介入効果調査デザイン及び、同時に実施したフィールドワークに関する活動報告書である。 活動内容 1. 調査背景 2023年7月、JICA (協力隊事務局)、慶應義塾大学野球部、SFC研究所ベースボールラボの3者間で協定が締結され、2024年8月頃からJICA短期協力隊員として野球部員約10名が毎年ガーナへ派遣されることとなった。派遣目的は野球技術指導に加え、J-ABSが推進するベースボール＋スポーツマンシップ (規律・尊重・正義) の教育である。本調査では、介入効果を科学的に検証できるように調査設計をすることを目的とした。 2. 調査対象者と時期 調査対象者 a. ガーナ人高校生・ ガーナ人野球コーチ 介入群： JICA短期協力隊員 (慶應義塾大学野球部員) による指導を受けたガーナ人高校生・ JICA短期協力隊員と一緒に活動したガーナ人野球コーチ 対照群： 指導を受けなかったガーナ人高校生 (近隣学校、同チームで指導を受けられなかった者) あるいはJICA短期協力隊員と一緒に活動しなかったガーナ人野球コーチ b. 慶應義塾大学野球部員 介入群： JICA短期協力隊員として派遣された野球部員 対照群： JICA短期協力隊員として派遣されなかった野球部員 調査時期 野球部部員が派遣される毎年8月および9月 3. 調査方法 調査1： ガーナにおける介入効果 調査対象： 上記2a.および2b.介入群と対照群 調査方法： 質問紙調査 (成長マインドスコア、パーソナリティスコア、gritスコア) 調査2： 派遣経験による変化 調査対象： ガーナ派遣経験のある慶應義塾大学野球部員と派遣経験のない部員 調査方法： 質問紙調査 (成長マインドスコア、パーソナリティスコア、gritスコア) 4. その他活動 在ガーナ日本大使館、在ガーナ日本人会会長、ガーナ野球連盟会長と面会 ガーナ大学スポーツ科学部と学部レベル協定に向けた協議 調査対象者選定のための情報収集 5. 今後の予定 2023年12月調査準備のためのタンザニア出張 2024年3月介入効果調査計画 (含む質問票案) を練り直し、ガーナ側と最終決定する 2024年4月調査票作成 2024年5月調査倫理審査申請 2024年6 - 7月調査対象者への事前調査 2024年8 - 9月調査実施 6. 成果

介入効果調査研究案を作成
ガーナ大学スポーツ科学部との連携強化
調査実施に向けた準備を進めた

7. 課題

ガーナ大学においてアフリカ競技大会（2024年3月開催）が開催される影響で、調査準備時期が限定される。

調査対象者へのアクセス

調査倫理審査

8. 結論

本調査は、野球指導とスポーツマンシップ教育の介入効果を検証する最初の試みである。今後、調査計画を具体化し、倫理的な配慮のもと、質の高い研究を実施していく。

参考文献

Owen, K.B., Foley, B.C., Wilhite, K. Booker, B., Lonsdale, C. and Reece, L.J.(2021)Sport Participation and Academic Performance in Children and Adolescents: A Systematic Review and Meta-analysis in Medicine & Science in Sports and Exercise

小塩（編）（2021）非認知能力: 概念・測定と教育の可能性, 北大路書房

Activity Report: Baseball Coaching and Intervention Effect Survey in Ghana
Introduction

This report presents the research design for the intervention effect survey discussed with the University of Ghana Department of Sports Science in September 2023, as well as the activities of the fieldwork conducted during the same period.

Activities

1. Background of the Survey

In July 2023, a tripartite agreement was signed between JICA (Volunteer Cooperation Department), Keio University Baseball Club, and SFC Research Institute Baseball Lab. Under this agreement, approximately 10 baseball club members will be dispatched to Ghana each year as JICA short-term volunteers starting from August 2024. The purpose of the dispatch is to demonstrate "Baseball + Sportsmanship" (discipline, respect, and fairness) a concept promoted by J-ABS. This research aims to design a survey to verify the intervention effect of this program.

2. Subjects and Timing of the Survey

Subjects

a. Ghanaian high school students and baseball coaches

* Intervention group: Ghanaian high school students taught by JICA short-term volunteers (Keio University baseball club members) and Ghanaian baseball coaches who worked with JICA short-term volunteers

* Control group: Ghanaian high school students who were not taught(from nearby schools or those who couldn't participate due to circumstances) or Ghanaian baseball coaches who did not work with JICA short-term volunteers

b. Keio University Baseball Club members

* Intervention group: Baseball club members dispatched as JICA short-term volunteers

* Control group: Baseball club members who were not dispatched as JICA short-term volunteers

Survey Schedule

Ghana: every August - September when JICA short-term volunteers are dispatched

3. Survey Methods

Survey 1: Intervention Effect in Ghana

Subjects: Intervention and control groups as described in 2a. and 2b. above

Survey method: Questionnaire survey (growth mindset score, personality score, grit score)

Survey 2: Changes due to Dispatch Experience

Subjects: Keio University baseball club members with and without dispatch experience

Survey method: Questionnaire survey (growth mindset score, personality score, grit score)

	4. Other Activities Meetings with the Japanese Ambassador to Ghana, the President of the Japanese Association in Ghana, and the President of the Ghana Baseball Federation Discussions with the University of Ghana Department of Sports Science towards a department-level agreement Information gathering for the selection of survey subjects 5. Future Plans research preparation trip to Tanzania in December 2023 Finalize the intervention effect survey plan (including questionnaire draft) in March 2024 with the Ghanaian side Create a questionnaire in April 2024 Apply for research ethics approval in May 2024 Pre-survey of subjects in June-July 2024 Conduct the 1st survey in August-September 2024 6. Achievements Developed a research proposal for the intervention effect survey Strengthened collaboration with the University of Ghana Department of Sports Science Made progress in preparations for the survey 7. Challenges The survey preparation period is limited due to the African Games (to be held in March 2024) at the University of Ghana Access to survey subjects Ethical review of the survey 8. Conclusion This research is the first attempt to verify the intervention effect of baseball and sportsmanship education. In the future, we will further concretize the survey plan and conduct high-quality research with ethical considerations. References Owen, K.B., Foley, B.C., Wilhite, K. Booker, B., Lonsdale, C. and Reece, L.J.(2021)Sport Participation andAcademic Performance in Children and Adolescents: A Systematic Review and Meta-analysis in Medicine & Science in Sports and Exercise Koshio (ed.) (2021) Non-cognitive Ability: Concept, Measurement, and Educational Possibilities, Kitaoji Shobo
Notes	
Genre	Research Paper
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=2023000010-20230152

慶應義塾大学学術情報リポジトリ(KOARA)に掲載されているコンテンツの著作権は、それぞれの著作者、学会または出版社/発行者に帰属し、その権利は著作権法によって保護されています。引用にあたっては、著作権法を遵守してご利用ください。

The copyrights of content available on the KeiO Associated Repository of Academic resources (KOARA) belong to the respective authors, academic societies, or publishers/issuers, and these rights are protected by the Japanese Copyright Act. When quoting the content, please follow the Japanese copyright act.

6. 成果
介入効果調査研究案を作成

ガーナ大学スポーツ科学部との連携強化
調査実施に向けた準備を進めた

7. 課題

ガーナ大学においてアフリカ競技大会（2024年3月開催）が開催される影響で、調査準備時期が限定される。
調査対象者へのアクセス
調査倫理審査

8. 結論

本調査は、野球指導とスポーツマンシップ教育の介入効果を検証する最初の試みである。今後、調査計画を具体化し、倫理的な配慮のもと、質の高い研究を実施していく。

参考文献

Owen, K.B., Foley, B.C., Wilhite, K. Booker, B., Lonsdale, C. and Reece, L.J.(2021)Sport Participation and Academic Performance in Children and Adolescents: A Systematic Review and Meta-analysis in Medicine & Science in Sports and Exercise
小塩（編）（2021）非認知能力: 概念・測定と教育の可能性, 北大路書房

2. 研究成果実績の概要（英訳）
Activity Report: Baseball Coaching and Intervention Effect Survey in Ghana Introduction This report presents the research design for the intervention effect survey discussed with the University of Ghana Department of Sports Science in September 2023, as well as the activities of the fieldwork conducted during the same period. Activities 1. Background of the Survey In July 2023, a tripartite agreement was signed between JICA (Volunteer Cooperation Department), Keio University Baseball Club, and SFC Research Institute Baseball Lab. Under this agreement, approximately 10 baseball club members will be dispatched to Ghana each year as JICA short-term volunteers starting from August 2024. The purpose of the dispatch is to demonstrate "Baseball + Sportsmanship" (discipline, respect, and fairness) a concept promoted by J-ABS. This research aims to design a survey to verify the intervention effect of this program. 2. Subjects and Timing of the Survey Subjects a. Ghanaian high school students and baseball coaches * Intervention group: Ghanaian high school students taught by JICA short-term volunteers (Keio University baseball club members) and Ghanaian baseball coaches who worked with JICA short-term volunteers * Control group: Ghanaian high school students who were not taught(from nearby schools or those who couldn't participate due to circumstances) or Ghanaian baseball coaches who did not work with JICA short-term volunteers b. Keio University Baseball Club members * Intervention group: Baseball club members dispatched as JICA short-term volunteers * Control group: Baseball club members who were not dispatched as JICA short-term volunteers Survey Schedule Ghana: every August - September when JICA short-term volunteers are dispatched 3. Survey Methods Survey 1: Intervention Effect in Ghana Subjects: Intervention and control groups as described in 2a. and 2b. above Survey method: Questionnaire survey (growth mindset score, personality score, grit score) Survey 2: Changes due to Dispatch Experience Subjects: Keio University baseball club members with and without dispatch experience Survey method: Questionnaire survey (growth mindset score, personality score, grit score) 4. Other Activities Meetings with the Japanese Ambassador to Ghana, the President of the Japanese Association in Ghana, and the President of the Ghana Baseball Federation Discussions with the University of Ghana Department of Sports Science towards a department-level agreement

Information gathering for the selection of survey subjects

5. Future Plans

research preparation trip to Tanzania in December 2023
Finalize the intervention effect survey plan (including questionnaire draft) in March 2024 with the Ghanaian side
Create a questionnaire in April 2024
Apply for research ethics approval in May 2024
Pre-survey of subjects in June-July 2024
Conduct the 1st survey in August-September 2024

6. Achievements

Developed a research proposal for the intervention effect survey
Strengthened collaboration with the University of Ghana Department of Sports Science
Made progress in preparations for the survey

7. Challenges

The survey preparation period is limited due to the African Games (to be held in March 2024) at the University of Ghana
Access to survey subjects
Ethical review of the survey

8. Conclusion

This research is the first attempt to verify the intervention effect of baseball and sportsmanship education. In the future, we will further concretize the survey plan and conduct high-quality research with ethical considerations.

References

Owen, K.B., Foley, B.C., Wilhite, K. Booker, B., Lonsdale, C. and Reece, L.J.(2021)Sport Participation and Academic Performance in Children and Adolescents: A Systematic Review and Meta-analysis in Medicine & Science in Sports and Exercise
Koshio (ed.) (2021) Non-cognitive Ability: Concept, Measurement, and Educational Possibilities, Kitaoji Shobo

3．本研究課題に関する発表			
発表者氏名 (著者・講演者)	発表課題名 (著書名・演題)	発表学術誌名 (著書発行所・講演学会)	学術誌発行年月 (著書発行年月・講演年月)