

Advanced Innovation Center for Future Education Beijing Normal University

Call for Proposals

Backgrounds and Aims

In the future society, the forms of knowledge production, dissemination and exchange will be greatly transformed. The post-figurative age of knowledge has come and the original tower structure of human resources which consists of “hundreds of millions of high-quality workers, tens of millions of specialized personnel and a large number of top-notch innovative talents” will undergo profound changes as well. Faced with the rapid development of technology worldwide and the challenges posed by China's economic transformation and upgrading, our society has an urgent need for a large number of innovative talents with innovative thinking, entrepreneurial awareness and international vision. Future education in 2030 must promote the reform and innovation of education system, personnel training mode, and the leapfrog development of education modernization. In order to transform the way of talent cultivation and reconstruct the future education system, UNESCO issued the "Education 2030 Framework for Action" on November 4, 2015, which depicts the grand blueprint for the development of world education in the next 15 years, i.e. "to achieve the education characterized by inclusiveness, fairness and quality as well as universal lifelong learning.”

The cultivation of talents is inseparable from school education. School is the cradle of innovative talents needed for the economic and social development, and is the key to realize the goal of sustainable development by 2030. At present, the school education system, which is branded by the era of industrialization and focused on knowledge imparting, is unable to meet the demands of talented people in innovation-oriented nations in the era of knowledge-based economy. At the same time, a new generation of information technology represented by the Internet has penetrated into all aspects of social life, changing the way of learning, production and living to a large extent. Technologies, such as the Internet, artificial intelligence and big data, provide the essential material basis for the construction of inclusive, fair and high-quality education as well as the promotion of lifelong learning, making it possible to change the outdated school education model, service model, curriculum pattern, teaching mode, learning approach etc., and then build new school education ecological system in the "Internet Plus" era to cultivate individuals with personality, innovation and international vision.

Combined with the historical background and national development needs, the Advanced Innovation Center for Future Education, Beijing Normal University (AICFE) has initiated the "2030 Future School" research project. The Center builds a high level international innovation platform to convene first-class scholars from all over the world to carry out the study on the future school in 2030, aiming to explore the goals, curriculum implementation, teaching mode, learning methods, school management and other aspects of future school , and thus lead the development

of future education.

The first phase of “Future School 2030” project was launched in June 2016, and involved 17 research teams all over the world. In the second phase of "2030 Future School" project, we will build a world-class international research platform for "Future Education", bringing together well-known scholars around the world to carry out forward-looking researches and improve the core competitiveness of the center in the academic field.

For the second phase, the Center aims to compile a series of books on the theme of “Future Education”, to predict, from the three perspectives of the educator, educatee and educational influence, the changes in future education patterns and development trends, and explore the prospective solution.

Grant and Supports

Each grant provides up to US\$20,000-30,000 for applicants who are currently working on or would like to start research projects that are aligned with the project of *Future School 2030 (2nd phase)*. The grant is used to cover any expense for work in China and pay for the time and effort devoted to this project.

Preference will be given to researchers or scholars who have rich experience in editing books or play an active role in related conferences or associations. Grant recipients will be required to participate in the Seminars on Future School 2030.

Scopes and Topics

In addition to topics related to future education, the scope of proposals will cover the two areas as follows with unlimited topics:

- Technologies that enhance education or support education reform
 - Technology-enhanced assessment in formal and informal education
 - Big data in education and learning analytics
 - Technology enhanced STEM education for future
 - Technology enhanced language learning
 - Technology-enabled authentic learning with real-world experience
 - Artificial Intelligence and Smart Learning Environments
 - Maker spaces and 3-D printing based innovations in learning
 - Virtual Reality, augmented reality, and mixed reality in future education
 - Healthy and happy learning technology
- Innovative school forms in the era of Internet
 - The environment of future schools (e.g. Open learning environments for future education)
 - The curriculum of future schools (e.g. Massive Open Online Courses)

- The teaching of future schools (e.g. Open flipped classrooms: pedagogical design, policies, practices)
- The learning in future schools (including Open learning; Technology-supported adaptive and personalized learning; Digital game and intelligent toy enhanced learning; Self-directed learning in the digital age; Blended learning and new media for ubiquitous learning etc.)
- The evaluation of future schools (e.g. New approaches to assessment of learning in future schools)
- The management of future schools
- The digital teachers of future schools (e.g. The changing role of teachers in future schools; Transforming teacher professional development for future education)
- The organizations of future schools
- School reform and policy for future education

Application Process

Adjudication Process: Proposals (*see Attachment 1*) will be reviewed by the AICFE and multiple external reviewers. Grant recipients will be notified, which normally takes 4 weeks from the date we receive the application.

Additional Material: CV of the primary researcher, CV of all group members

Evaluation Criteria

Proposals will be evaluated according to the following criteria (100 points total):

- 30 points: Feasibility of the project (in terms of scope, time, qualifications of the applicant)
- 10 points: Relevance to topics/themes about future education and future schools
- 10 points: Evidence of familiarity with current scholarship supporting the inquiry
- 25 points: Quality of the written proposal, i.e., clarity, organization, and design (method, data, analysis)
- 15 points: Potential contribution to the knowledge base
- 10 points: Impact on applicant's practice and/or scholarship

Important Dates

- Proposal submission deadline: July 30, 2017 (1st stage)
Extended to August 20, 2017
November 30, 2017 (2nd stage)
- *Future School 2030 Seminar*: March 2018
- Manuscript submission deadline: May 2018

Completion and Publication

- All the grant recipients need to submit reports to AICFE during the project. The first progress report will be a comprehensive literature review of the proposed research area. Depending on the approved project proposal, other progress reports can describe the latest research findings and results.
- Grant recipients agree to discuss and share their progress at *Future School 2030 Seminar*. Grant recipients will receive a complimentary registration for the seminar.
- Before the completion of the project, a book should be published by *Springer Nature*, under the name of AICFE, Beijing Normal University, China.
- All other outcomes related to the project should be published with the name of the Advanced Innovation Center for Future Education, Beijing Normal University. Shall there be any researchers from AICFE participated in the project, their names and affiliations should also be listed.

Organization

- Sponsors

Advanced Innovation Center for Future Education of Beijing Normal University
Beijing Municipal Commission of Education

- Organizer

Advanced Innovation Center for Future Education of Beijing Normal University

Contact Information

Contact Persons: Ms. Xuanwei (Ada) Ma or Dr. Yu (Victor) Lu

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Attachment 1

Research Proposal

(Revised May 2017)

(To be typewritten by the Applicant)

Note: The length of the grant proposal is expected between **1,000 and 1,500 words**, and it specifically addresses the following questions. Please note that the information given in this form will only be used for processing this application.

1. Proposed Project Title

(Including the research questions.)

2. Applicant Information

- *Name of Primary Researcher*
- *Level of Research Experience (choose one):*
 - (1) Early-Stage Researcher: I have conducted less than 3 formal research projects and shared the results in a peer-reviewed journal or conference).*
 - (2) Experienced Researcher: I have conducted 3 or more formal empirical research projects and have published the results in top conferences and journals (indexed by SCI/SSCI).*
- *School/Institution*
- *Designation*
- *Work Address*
- *Work Phone*
- *Work E-mail*
- *Voluntary Indication of Ethnicity*
- *Other Members of Your Research Team: Name(s) and Institution(s)*
- *Other Sources of Funding for the proposed project (list institution and amount)*

3. Project Motivations

*(What debates, experiences, concepts, readings, etc., influenced or motivated this project?
How are these questions informed by the Future School 2030 project?)*

4. Scope of Research

(Please identify key issues/problems to be addressed.)

5. Statement of Significance

6. Timeline

(Please include the length of the project and detailed timeline for the book.)

7. Potential authors or contributors for the book

8. Statement of Ethics

(How you will account for the ethical demands that may arise during the project, including issues of consent, confidentiality, privacy, and reciprocity for participants?)

9. Details of Any External Collaboration

10. Outcomes

11. References

(An extensive reference list is not compulsory; please provide the literatures and references to properly demonstrate the key related work.)

12. Budget

(Applicants are required to include a budget list outlining each item and a rationale for each expenditure. The transportation and accommodation fees of grant recipients shall also be included.)

13. Declaration of the Applicant

I wish to apply for a research project on the basis of the proposal given in this Form.

I undertake to abide by the general regulations of AICFE.

Signature _____

Date _____

[After completing all sections, please return this form to AICFE via the below contact e-mail address]

Contact Information

Email: futureschool2030@bnu.edu.cn