# Shenzhen elderly education and its online course construction from the perspective of elderly care

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**Abstract:** for the next step of building Shenzhen into a benchmark city of livelihood and happiness for the elderly, this paper puts forward the innovative idea of making learning the best pension mode in Shenzhen. Shenzhen's elderly education should rely on the strength of professional institutions and professional teams, take the path of cooperative education, and guide students to learn to support the elderly with high-quality courses. Let Shenzhen become a standard R & D center and product development center for online courses of elderly education. It will play a leading role in the construction of a possible unified public service platform for educational resources of national universities for the elderly in the future.

Key words: old people take care of themselves; Education for the elderly; Online courses

### 1 Shenzhen is committed to building a benchmark city of livelihood and happiness for the elderly

1. The requirements of the times for the implementation of the national strategy to actively respond to population aging

The Fifth Plenary Session of the 19th Central Committee of the Communist Party of China put forward the "implementation of the national strategy to actively respond to population aging", which is a major strategic deployment based on the present and with a long-term perspective made by the CPC Central Committee through scientific research and profound analysis of the new situation of China's economic and social development, and is the requirement of the times for China's work on the elderly. The whole Party and the whole society have reached consensus, coordinated the resources and forces of all parties, and responded in a timely, scientific and comprehensive manner to the problem of population aging.

2. Draw a blueprint for the practice of "providing for the elderly"

Shenzhen has drawn up a series of practical blueprints for building a "leading demonstration area of socialism with Chinese characteristics" and building a benchmark city for the well-being of people's livelihood. In October 2019, the decision on building a high-level elderly care service system was issued to make a long-term and comprehensive deployment of elderly care services in Shenzhen. In July, 2020, the implementation plan for building a high-level "1336" elderly care service system in Shenzhen (2020-2025) was issued, which proposed 17 projects and 67 projects. The 57th project was "community (air) University for the elderly", and the construction of "Shenzhen University for the elderly and Shenzhen evergreen University for the elderly" was included as a sub task. In August 2020, the notice on promoting the standardization construction of the evergreen University for the aged was issued, officially opening the curtain of the standardization construction of the four-level system of Shenzhen evergreen University for the aged. In November this year, the regulations of Shenzhen Special Economic Zone on elderly care services were issued, It clearly stated that "the Municipal People's government should promote elderly education as a whole, establish and improve the elderly education network at all levels of the city, District, street and community, share elderly education resources, courses and teachers, and build a platform for older people's learning and social life." "Guide and support social forces to provide services such as elderly education, living in retirement, elderly culture, elderly leisure and entertainment."

3. The practical action of promoting "old people to take care of themselves"

(1) Put ideas first, focus on the concerns of the masses, and plan the overall development of "providing for the elderly" from a high position

Based on a thorough understanding of the important instructions of Secretary Xi's important speech, a comprehensive grasp of the overall layout of the central and Guangdong elderly care work, aiming at the goal of "providing for the elderly", closely following the theme of high-quality development, and based on reality, the "Shenzhen path" of "providing for the elderly" is proposed, which focuses

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on the realization of system guidance, standard guidance, science and technology guidance, and talent guidance, Realize the high-quality, sustainable and innovative development of elderly care services.

(2) Based on the regulations, strengthen the top-level design, and build the policy system of "providing for the elderly" from a high starting point

A "1+n+x" pension service policy system has been formed based on the regulations on pension services in the Shenzhen Special Economic Zone, a number of medium and long-term plans as the core, and a series of normative documents, covering land, finance, finance, insurance, taxes, medical care, talent, industry, elderly education and other aspects. The regulation has brought the elderly care service into the track of rule of law as an important countermeasure to actively respond to population aging.

(3) Based on the planning, ensure the development space, and build the hardware facilities of elderly care services with high standards

As early as 2013, Shenzhen planned 70 pieces of land for the elderly and wrote them into the statutory plan, providing land security for the development of elderly care services. At the same time, we will promote the construction of "major livelihood projects for the elderly" and "9+3" service facilities for civil affairs, and all district level elderly care institutions in ten districts will be newly built or expanded. The construction standard of day care centers for the elderly in communities was raised to no less than 750 square meters. The supporting elderly care service facilities for newly-built residential communities require synchronous planning, construction, acceptance and delivery.

A network of elderly care service facilities supported by elderly care institutions, day care centers and starlight homes for the elderly has been gradually formed, and the "home front" elderly care service is more convenient.

## 2 Some suggestions on promoting the construction of the benchmark city of old people's livelihood and happiness

1. Innovating the working idea of "providing for the elderly"

The "14th five year plan" period is a key stage for Shenzhen to comprehensively promote the realization of "providing for the elderly". It is also a key stage for the implementation of the regulations of Shenzhen Special Economic Zone on elderly care services and the implementation plan for Shenzhen to build a high-level "1336" elderly care service system (2020-2025).

According to the data released by the seventh population census, there are 940700 elderly residents in our city, with an aging rate of 5.36%, which has not yet entered the aging society. The proportion of the elderly over 80 years old in the elderly population is only 8.5%, and the demand for social participation of the young and energetic elderly is strong. But in the long run, the aging of Shenzhen's population will be "cliff like".

On the one hand, we should make good use of Shenzhen's "science and technology" and "innovation" ecology, and speed up the construction of the city's unified intelligent pension "management + service" system. Promote standardized, multi-level linkage intelligent services, big data applications, and whole process supervision as a whole. To become a national standard setting and product R & D Center for intelligent products and services for the elderly.

On the other hand, we should make good use of the "rule of law benchmark" urban environment in Shenzhen and improve the construction of laws and regulations for the elderly pension system. Promote the development of diversified pension models.

Furthermore, it is necessary to make good use of the City District Street Community (District) four level full coverage elderly education network matrix in Shenzhen, expand the enrollment rate of the young elderly, and build a unified "organized" and "positional" new university system for the elderly in the city. Let the elderly play an exemplary role, disseminate excellent culture, serve the economy and society, and participate in grass-roots governance.

Finally, we should make good use of the social environment of "big market and small government" in Shenzhen, change the phenomenon that the government is in charge of the construction of the elderly care system. Most of the elderly care institutions and community sunshine centers are self built and self operated by the government, with high pressure on management and operation, high cost of financial investment, low social benefits, and insufficient social attention and participation, and let social forces fully participate, The government should do a good job in supervision and service, and cultivate the endowment ecology.

2. Focus on the implementation of the work measures of "providing for the elderly"

The permanent elderly population in Shenzhen is about 2.6 times of the registered elderly population, much higher than that in Beijing, Shanghai and Guangzhou. Although the elderly population is not large in general, the elderly population density is relatively high, with 471 elderly people per square kilometer, second only to Shanghai, and surpassing Guangzhou and Beijing. There are also a large number of migrant and migratory elderly people. The scale of the elderly population fluctuates seasonally, showing the characteristics of "cold expansion and hot contraction". Elderly care services need more "precise" implementation.

On the one hand, we should strengthen the family base of community elderly care services, integrate the development of medical care and education, and guide the development of home-based elderly care services. It is suggested that the whole population health real-time monitoring system should be based on the community, so as to plan the supply of public health products for the whole population and the whole life cycle.

On the one hand, it is necessary to identify groups with special difficulties, strengthen the security role of public pension institutions, and focus on providing services for the elderly with special difficulties, such as empty nests, left behind, disabled, disabled, elderly people with financial difficulties and the elderly from family planning families, on the premise of meeting the needs of the elderly with special difficulties who are willing to provide centralized support. We will improve the hierarchical and classified social assistance system, improve the old age allowance, pension service subsidies for the elderly with financial difficulties, and care subsidies for the disabled elderly with financial difficulties, establish a regular visit system for the elderly with special difficulties, steadily and canonically promote the construction of the long-term care insurance system, and strengthen service security. Plan and build community elderly care service facilities in different areas and levels, and enhance the service capacity of meal aid, bath aid and cleaning aid.

On the one hand, we should strengthen the training of elderly health professionals, give full play to the talent and resource advantages of Shenzhen Polytechnic, run health care and other elderly related majors, cultivate a group of compound high skilled talents, and improve the overall professional level of elderly health care.

In addition, we should stimulate market potential, improve the disabled care ability of elderly care institutions, and cultivate leading enterprises in large-scale and branded elderly care services. We will deepen the integration of medical care and pension services, support medical and health institutions to carry out elderly care services, and ensure that elderly care institutions have the ability to integrate medical care and pension services.

3. Make learning the best pension model in Shenzhen

At present, Shenzhen University for the elderly has been listed and established in the Open University in 2021, and a special class team has been set up from the vocational and technical college to jointly build Shenzhen evergreen University for the elderly, and a "City District Street Community" four level full coverage network matrix of elderly education has been established covering 11 districts (including the Shenzhen Shantou Special Cooperation Zone) and 284 streets in the city, It has created a situation of elderly education with the basic pattern of "party building leading, excellent course construction, famous teacher studio construction, practice teaching base construction, four level network system construction, teaching and management ability training system, academic research and exchange of elderly education, and the construction of the position of evergreen academic journal". The integration and development of the two universities are promising.

On the one hand, we should stimulate the strength of the organizational network, expand the total plate, and stimulate the number of students with high-quality degrees. According to the basic pattern of "city district" two-level and "street community" two-level hierarchical services, the city's permanent elderly population is 940700, 91.5% (i.e. 866505) is under the age of 80, and the university enrollment rate for the elderly reaches 30%, providing about 300000 high-quality degrees.

On the other hand, we should rely on the strength of professional institutions and professional teams, take the path of cooperative education, and guide students with high-quality courses to study for the elderly. According to the characteristics of the older people in Shenzhen with high education background, rich experience and high requirements for teaching quality, we should give full play to the advantages of Shenzhen's economy and the integration of resources in the special zone, cooperate with professional institutions and teams in the whole city, the whole province, the country and even the world to carry out diversified and all-round school cooperation, launch systematic and leading quality courses, and guide students to learn to support the elderly.

Moreover, we should expand the "cloud" learning space, make good use of information science and technology, and run a "smart" University for the elderly in the new era. With the popularity of intelligent technology, more and more elderly people fall in love with online learning and enjoy the great convenience brought by online learning. Give play to the advantages of Shenzhen's information technology, take the lead in building a unified learning platform in the city, and realize that hundreds of thousands of elderly people in the city "are in the same team", "the same class", "the same stage" and "sing the same song".

### **3** Online course construction of elderly education from the perspective of elderly care

Let learning become the best pension model in Shenzhen, breaking through the shortage of space and management staff in big cities. Under the guidance of taking care of the elderly, the online course of elderly education in Shenzhen should be constructed around the following points.

The first is to grasp the logical starting point of the elderly education, starting from the needs and taking into account the points and aspects. The logical starting point of elderly education lies in the learning needs of students. The learning needs of students come from two aspects, one is the needs of the state and society, and the other is the needs of the elderly themselves. These two demands are the basic starting point for the construction of online courses for elderly education, and also the fixed-point coordinates for the steady and long-term development.

The needs of the state and society, as well as the needs of the elderly, will involve point and area problems. We need to find the right point and open up the area, not just one. For example,

The State Council, the Commission on aging and the Ministry of education are all advocating "wisdom to help the elderly". Shenzhen can give full play to its scientific and technological advantages. It can analyze the needs of the leading society according to the elderly's needs for smart technology, smart life and future technology, To design and produce online courses related to "intelligent life of the elderly", "future science and Technology Outlook", "artificial intelligence technology", "metauniverse", "cloud computing", which can be educational courses, short-term courses and micro courses to help the elderly understand the trend of social development.

Second, set standards and lead demonstration. At present, the development standards, construction standards, evaluation standards and operation standards of diversified online courses for elderly education are still being explored. Shenzhen can give full play to the advantages of talents, ideas and policies, demonstrate and establish the classification standards, grading standards, development standards, construction

standards, evaluation standards and operation standards of online courses of elderly education, and lead the whole process system of the construction, evaluation and operation of online courses of elderly education in China. It can also create standards for teaching research activities, teaching ability competition activities, excellent course selection activities, etc. of online courses of elderly education, and create an ecosystem of vigorous and sustainable development of online courses of elderly education. Let Shenzhen become a standard R & D Center for online courses of elderly education.

Third, opening up and cooperation to jointly build and enjoy advantages. At present, universities, primary and secondary schools and universities for the elderly all over the country are exploring the construction of online education and teaching resources, and the country is also improving the unified public service platform for education resources. Shenzhen can give full play to its organizational advantages and the advantages of the special zone, open up and unite the professional forces from colleges and universities, professional institutions, social famous teachers, industry associations, etc. related to the development, interpretation, production, operation and dissemination, and carry out in-depth cooperation based on the standard, so as to make Shenzhen a development center for quality online courses of elderly education, It will play a leading role in the construction of a possible unified public service platform for educational resources of national universities for the elderly in the future.

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