

CURRICULUM VITAE

Dan Xie, Ph.D.

Office Address:

College of Information Engineering, Hubei University of Chinese Medicine
Hongshan District West Huangjia Lake No. 16, Wuhan, Hubei, China,
430065

Tel: (+86) 15927531530

E-Mail: dinaxie@hbucm.edu.cn

Website:

EDUCATION:

2005 - 2008 **Ph. D. in Engineering, Wuhan University, Wuhan, China**

Computer Software and Theory State Key Lab of Software Engineering

1999 - 2002 **M.S. in Engineering, HuaZhong Normal University, Wuhan, China**

Computer Application Department of Computer Science

1993 - 1997 **B.S. in Science, HuaZhong Normal University, Wuhan, China**

Computer Software Department of Computer Science

PRESENT POSITION:

Professor, Master Instructor

Department of Information Engineering, Hubei University of Chinese
Medicine, Wuhan, China

Curriculum development, professional teacher scheduling, research work

PROFESSIONAL ACTIVITIES:

2005 - Member, Computer Society of IEEE

2006 - Advanced Member, Chinese Society of Computer

2013 - Member of council, Li Shizhen medical research and application
Committee of World Federation of Chinese Medicine Societies

2013 - Member of council, Information Committee of World Federation of Chinese
Medicine Societies

2014 - Member, Chinese medicine informatization Committee of Chinese health
information society

2019 - Associate Editor, Journal of Artificial Intelligence and Medical Sciences

PROFESSIONAL EXPERIENCE:

11/20- Professor
Hubei University of Chinese Medicine

07/09-11/20 Associate Professor
Hubei University of Chinese Medicine

09/18-07/19 Visiting Scholar
School of Information Management
Wuhan University, Wuhan, China

09/12-08/13 Information System and Data Mining Consultant
Hubei Province Hospital of Traditional Chinese Medicine, Wuhan, China

04/11-04/12 **Postdoctoral Fellows**
Division of Biostatistics, School of Public Health,
University of Texas Health Science Center, Texas, USA

09/05-02/10 Head of the teaching and research section of software
College of Information Engineering,
Hubei University of Chinese Medicine, Wuhan, Hubei

12/08-12/09 **Advanced Visiting Scholar**
University of Tokyo, Tokyo, Japan
General System Studies, Graduate School of Arts and Sciences

07/02 - 07/09 Lecturer
Hubei University of Chinese Medicine, Wuhan, Hubei

10/05 - 04/06 Information System Consultant Engineer
Wuhan Shi Wei Consultation and Supervision Co., Ltd., Wuhan, Hubei

10/06 - 11/06 Information System Consultant
Wuhan Tobacco Group, Wuhan, Hubei

05/06-10/06 Editor
Journal of Wuhan University (Natural Science Edition)

09/04-07/05 Visiting Scholar
Department of Education Technology
East China Normal University, Shanghai, China

07/97-07/02 Teaching Assistant
Hubei University of Chinese Medicine, Wuhan, Hubei

PERSONAL AWARD:

12/2017, Second prize of science and technology progress of Hubei Province
Construction and application of real world clinical research system of TCM
liver disease based on research clinic

02/2018, Third prize of teaching achievement of Hubei Province
Research on the reform and practice of big data processing ability training in
medical information specialty

02/2023, Third prize of teaching achievement of Hubei Province
A tentative study on the application teaching mode of Internet of Things
engineering major through the integration of medicine & information
technology and universities & enterprises

INTERNATIONAL CONFERENCES:

1. The First IEEE International Conference on System Integration and Reliability Improvements SIRI. Hanoi, Vietnam, 2006.12.
2. The 2nd IEEE International Conference on Wireless Communications, Networking and Mobile Computing. Wuhan, China, 2006.9.
3. The 3rd IEEE International Conference on Wireless Communications, Networking and Mobile Computing. Shanghai, China, 2007.9
4. The 4th IEEE International Conference on Wireless Communications, Networking and Mobile Computing. Wuhan, China, 2008.9
5. The 12th International Congress of Human Genetics. Montreal, Canada, 2011.10.
6. The 2nd International Conference on Mechanical Engineering and Control Systems. Wuhan, China, 2016.4
7. The First International Conference on Education, E-learning and Management Technology. Xi'an, China, 2016.8
8. 2016 IEEE International Conference on Bioinformatics and Biomedicine. Shenzhen, China. 2016.12
9. The 19th IEEE International Conference on e-Health Networking, Application & Services.

- Dalian, China, 2017.10
10. The 2nd International Conference on Education Science and Social Development. Changsha, China, 2019.7
 11. The 8th International Conference of Health Information Science, Xi'an, China, 2019.10
 12. The 9th International Conference of Health Information Science, Amsterdam, Netherlands, 2020.10
 13. The 2nd International Symposium on Artificial Intelligence for Medical Sciences. Beijing, October 29–31, 2021.
 14. IEEE International Conference on Bioinformatics and Biomedicine. Virtual Event, December 9-12, 2021.
 15. International Symposium on Artificial Intelligence for Medical Sciences. Wuhan, October 13–15, 2022.
 16. The 38th CCF National Conference of Computer Applications. Suzhou, July 16-20, 2023.
 17. The 4th International Symposium on Artificial Intelligence for Medical Sciences. Chengdu, October 27-29, 2023.
 18. The 5th Autumn International Seminar on Computer Science and Engineering Technology. Wuhan, September 28-29, 2024.

PUBLICATIONS:

- [1] Can Li, Kehan Zhen, Dongxin Tang, **Dan Xie***. Research on Knowledge Graph Construction Based on Formula Dataset [J]. World Journal of Traditional Chinese Medicine, 2024, 19 (09): 1329-1333.
- [2] Kehan Zhen, **Dan Xie**, Peng Yu. Research on Automatic Extraction and Application of Diagnosis and Treatment Knowledge for Traditional Chinese Medicine Literature [J]. China Digital Medicine, 2024, 19 (03): 42-47.
- [3] Zengzhen Du, **Dan Xie***, Shuanggui Tian, etc. Research on automatic extraction technology of symptom information based on clinical data of traditional Chinese medicine [J]. Shi Zhen Traditional Chinese Medicine, 2023, 34 (09): 2291-2293
- [4] Can Li, **Dan Xie***. Research on Automatic Extraction Method of Admission Record Information from Traditional Chinese Medicine Electronic Medical Records [J]. World Science and Technology - Modernization of Traditional Chinese Medicine, 2023, 25 (05): 1615-1622
- [5] Wenli Xie, **Dan Xie***, Pan Zhang, etc. Research on the Coding Model and Application of Basic Knowledge of Traditional Chinese Medicine Symptoms [J]. Shi Zhen Traditional Chinese Medicine, 2022, 33 (12): 3066-3068
- [6] Can Li, **Dan Xie***. A Method of Text Information Normalization of Electronic Medical Records of Traditional Chinese Medicine [J], Journal of Artificial Intelligence for Medical Sciences, 2022: 8–15.
- [7] Wenli Xie, Jun Li, Shusong Mao, **Dan Xie***. Research on Knowledge Association of Traditional Chinese Medicine Symptom Knowledge Base [J]. Journal of Medical Informatics, 2023, 44 (02): 35-41
- [8] Z. Du, D. Tang and **D. Xie***. A deep neural network-based method for generating rhetorical questions in intelligent diagnosis [J]. Computer Applications, 2022, 42 (3): 867-873
- [9] Z. Du, D. Tang and **D. Xie***, Automatic Extraction of Clinical Symptoms in Traditional Chinese Medicine for Electronic Medical Records [C]. 2021 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), 2021:3784-3790.

- [10] WenLi Xie,ShuSong Mao,**Dan Xie***.Corpus Construction for TCM Clinical Symptom Based on Information Coding Standard[C].Proceedings of the 2nd International Symposium on Artificial Intelligence for Medicine Sciences(ISAIMS 2021),October 2021:493-499.
- [11] Wenli Xie, Feng Lin, Dongxin Tang, **Dan Xie***. Bibliometric analysis of medical corpus based on CiteSpace [J]. World Science and Technology - Modernization of Traditional Chinese Medicine, 2021, 23 (05): 1523-1531.
- [12] Feng Lin, **DanXie***. Research on Named Entity Recognition of Traditional Chinese Medicine Electronic Medical Records[C].The 9th International Conference on Health Information Science. 2020:287-297. Oct.20-23 Amsterdam, Netherlands.
- [13] Zengzhen Du, Xiaohui Zhang, **DanXie***. Research on Medical Intelligent Consultation Based on Question Generation Technology [C]. Workshop ITCM 2020 of IEEE International Conference on Bioinformatics and Biomedicine, Seoul, Korea, December 16-19, IEEE 2020.
- [14] Peng Yu, Lin Feng, Liu Yuqing, Cai Xin, **Xie Dan**, Yang Fan*. Analysis on the rule of traditional Chinese medicine treatment of Yin Huang syndrome based on machine learning [J]. Data mining. 2020,10(3):201-208.
- [15] Ma Li, Lin Feng, Zhou Zhongyu, Jin Yuting, **Xie Dan***. Research on TCM Intervention Technology of obesity based on BMI classification [J]. Data mining. 2020,10(3):192-200.
- [16] Lin Feng, Yang Fan, **Xie Dan***. Bibliometric analysis of TCM treatment of jaundice from 2010 to 2019 [J]. Chinese medicine guide,2020,26(15):147-152.
- [17] Fengfeng He, Ling Zhang, Wei Qu, Chong Teng, **Dan Xie***. Research on Construction of Knowledge Graph of Intestinal Cells[J].Journal of Artificial Intelligence for Medical Sciences. 2020,1(1):115–22.
- [18] Xiaoyu Ma, Feng Lin, **Dan Xie***.A Study on Talent Training Model of Medical Information Engineering[C].2019 the 2nd International Conference on Education Science and Social Development.July 20-21,2019,Changsha, China.
- [19] Ziqin Fei, Feng Lin, **Dan Xie***.Bibliometric analysis of interventional techniques for simple obesity Chinese medicine[C].The 8th International Conference on Health Information Science.Oct.18-21,Xi'an China.
- [20] Feng Lin, Shusong Mao, **DanXie***. Research on Evaluation Method of TCM Intervention Technology for Obesity Based on Literature[C].The 8th International Conference on Health Information Science.Oct.18-21,Xi'an China.
- [21] Wang yuwei, **Xie Dan***, Li Xiaodong, Wu Huikun. Research on mining TCM prescription rules based on improved association rule algorithm [J], World Science and Technology Modernization of Traditional Chinese Medicine, 2019,21(3):348-353.
- [22] Huang Zhisheng, Min Yiwen, Lin Feng, **Xie Dan***. Time characteristics of suicide information in social media [J], Chinese Digital Medicine, 2019,14(3):7-10.
- [23] **Dan Xie**,Yang Yi,Jin Zhou,Xiaodong Li*,Huikun Wu. A novel temporal protein complexes identification framework based on density – distance and heuristic algorithm[J], Neural Computing and Applications.2018,7:1-9.
- [24] **Dan Xie**, Wei Pei, Weiwei Zhu, Xiaodong Li. Traditional Chinese Medicine Prescription Mining Based on Abstract Text[C], The 19th IEEE International Conference on e-Health Networking, Application & Services, Oct. 2017, Dalian, China.

- [25] Pei Wei, Wu Huikun, Li Xiaodong, **Xie Dan***. Research on the rule of TCM treatment of liver cirrhosis based on machine learning [J], World Science and Technology Modernization of Traditional Chinese Medicine,2017,19(06):950-956.
- [26] Yang Xiaohuan, Shan Yahui, **Xie Dan***, Li Xiaodong. Abstract oriented extraction of the relationship between traditional Chinese medicine prescriptions and diseases [J], World Science and Technology Modernization of Traditional Chinese Medicine, 2017,19 (7):1167-1174.
- [27] Xianjun Shen, Jin Zhou, Xingpeng Jiang, **Dan Xie***. A novel identified temporal protein complexes strategy inspired by density-distance and brainstorming process[C], IEEE International Conference on Bioinformatics and Biomedicine Dec. 2016, Shenzhen, China.
- [28] Wang yuwei, **Xie Dan***. Analysis on the status quo of data mining of TCM medical records [J]. Journal of medical informatics,2016,37(09):58-61.
- [29] Futao Zhang, **Dan Xie**, Meimei Liang. Functional Regression Models for Epistasis Analysis of Multiple Quantitative Traits[J], PLOS Genetics, 2016,12(4):1-26.
- [30] Wang yuwei, **Xie Dan***, Mao Shusong. Bibliometric analysis of standardization of traditional Chinese medicine from 2010 to 2014 [J]. Guide to traditional Chinese Medicine,2016,22(13):60-63.
- [31] **Dan Xie**, Xiuzhi Zhao, Xiaohuan Yang. A Study on Smart Phone Assisted Learning System[C].International Conference on Education, E-learning and Management Technology, 2016,42-48.
- [32] **Xie Dan**, Analysis of "241" innovative training mode of medical information specialty[J]. Journal of medical informatics, 2016,37(03):84-87.
- [33] Xiao-Huan Yang, **Dan Xie***. A study on TCM tongue diagnosis assist system based on web service[C], Proceedings of the 2016 International Conference on Mechanical Engineering and Control System, Apr. 2016, Wuhan, China: 422-431
- [34] Xiao-Huan Yang, **Dan Xie***. A design of exam system based on CAT[C], Proceedings of the 2016 International Conference on Mechanical Engineering and Control System, Apr. 2016, Wuhan, China: 500-510.
- [35] Wang yuwei, **Xie Dan***. Preliminary study on visualization method of three distribution of inpatients [C]. Seventh National Conference on infectious diseases of integrated traditional Chinese and Western Medicine, 2016.12
- [36] **Xie Dan**. Research on prediction model of liver cirrhosis complications based on data mining [C]. Seventh National Conference on infectious diseases of integrated traditional Chinese and Western Medicine, 2016.12
- [37] **Xie Dan**, Research on the training mode of medical information five stairs type combat capability[J]. The Research of Innovation Education,2014.11.
- [38] **Xie Dan**, Big data of hospital outpatient information flow reconstruction and development trend based on[J]. Hubei Journal of Traditional Chinese Medicine.2014.11.
- [39] Ma Hongmin, Sun Jing, Deng Wenping, Li Xiaodong, **Xie Dan**, et al. Development of standard information management system for national clinical research base of traditional Chinese medicine [J]. Journal of medical informatics,2014,35(10):17-21+43.
- [40] Momiao Xiong, **Dan Xie**. Studies of Natural Selection in the Era of Next-generation Sequencing[J]. Phylogenetics & Evolutionary Biology, 2013.1.

- [41] Yang Fan, Fei Lanbo, **Xie Dan**, et al. Construction ideas and methods of national clinical research base of traditional Chinese medicine (Hubei) standard research platform[J], World Science and Technology Modernization of Traditional Chinese Medicine, 2013,15(05):1121-1123.
- [42] Cai Xiaohong, Zhao Zhen, **Xie Dan**, et al. Discussion on the construction of knowledge system of medical information engineering specialty [J]. Basic medical education, 2013,15(02):138-140.
- [43] Mao Shusong, **Xie Dan**, et al. Research progress and new technology application of TCM Hospital Informatization [M], China traditional Chinese Medicine Press, 2013.11
- [44] **Xie Dan**,. Medical Information Engineering Practice Teaching System Study[C]. The 3rd International Annual Conference on Teaching Management ad Curriculum Construction, 2012.8.
- [45] **Xie Dan**,. The construction scheme of traditional Chinese medicine clinical research information platform[J]. Information System Engineering,2012.3.
- [46] **Xie Dan**,. Genome-wide interaction analysis of two independent schizophrenia studies[C]. The 12th International Congress of Human Genetics, 2011.10.
- [47] PengYu, Cai Xiaohong, Shen Xin, **Xie Dan**, et al. Using the method of knowledge management to build the information sharing platform of traditional Chinese medicine case [J]. Journal of Hubei University of traditional Chinese medicine, 2011,13(01):74-75.
- [48] **Xie Dan**, A Comparative Study on the Graduate Education in Chinese and Japanese Research Universities[J], Journal of Guilin Normal College,2010.6.
- [49] **Xie Dan**, Ying Shi, Jia Xiangyang et al. Resources Description Framework for Service RDF4S Based on Semantics [J]. Journal of Wuhan University (Natural Science Edition). 2008,54(1):71-76.
- [50] **Xie Dan**, Ying Shi, Li XiaoJian, et al. A Resource Description Framework for Service[C]. 3rd IEEE International Conference on Wireless Communications. Networking and Mobile Computing. 2007.9.
- [51] **Xie Dan**, Ying Shi, Yao Junfeng, et al. An approach for describing SOA[C]. 2nd IEEE International Conference on Wireless Communications, Networking and Mobile Computing. 2006.9.
- [52] **Xie Dan**, Ying Shi, Luo Jubo, et al. Design a Service Oriented Architecture[C]. The First IEEE International Conference on System Integration and Reliability Improvements SIRI. 2006.12.
- [53] Ying Shi, Xiao Bo, **Xie Dan**, et al. Semantic Service Discovery Based on a Semantic Indexed Database[J]. Journal of Wuhan University (Natural Science Edition). 2008,54(1):65-70.
- [54] Li XiaoJian, Ying Shi, **Xie Dan**, et al. A Reflective Approach for Dynamic Change of BPEL Process[J]. Wuhan University Journal of Natural Sciences. 2008,13(2):165-172.
- [55] Yao Junfeng, Ying Shi, **Xie Dan**, et al. A new architecture description language for service-oriented architecture[C]. 6th International Confererence on Grid and Cooperative Computing. Urumchi, CHINA, AUG 16-18, 2007.
- [56] Luo Jubo, Ying Shi, **Xie Dan**, et al. A study of network component migration via reflection[C]. 6th International Symposium on Distributed Computing and Applications to Business, Engineering and Science Yichang, CHINA, AUG 14-17, 2007.

- [57] Luo Jubo, Ying Shi, **Xie Dan**, et al. A study of COTS middleware reuse and integration in C2 architectural style[C]. International Symposium on Distributed Computing and Applications to Business, Engineering and Science Yichang, CHINA, AUG 14-17, 2007.
- [58] Wen Jing, Ying Shi, Jia Xiangyang, **Xie Dan**, et al. Process view of Reflection Mechanism of Reuse Software Architecture[J], Wuhan University Journal of Natural Sciences. 2007, 12(3):431-436.
- [59] Li Xiaojian, Ying Shi, **Xie Dan**, et al. Applying architectural reflection on dependable software[C]. International Multiconference of Engineers and Computer Scientists. Hong kong, PEOPLES R CHINA, MAR 21-23, 2007.
- [60] Li Xiaojian, Ying Shi, Luo Jubo, **Xie Dan**, et al. Special Issue on Software Engineering and Complex Networks of DCDIS Series B[J], A Reflection-Based Method to Improve Software Trustworthiness, 2007.9
- [61] Yao Junfeng, Ying Shi, **Xie Dan**, et al. Reflective architecture based software testing management model[C]. IEEE International Conference on management of innovation and technology. 2006.6.
- [62] **XIE Dan**, YING Shi, Cui Hua, et al. Towards An Approach of Constructing Service-Oriented Ontology System[C]. 4th IEEE International Conference on Wireless Communications, Networking and Mobile Computing. 2008.10.
- [63] **XIE Dan**, Jin Chun, Huang Yunming, College Salary Management System Design and Implementation[J], Journal of Hubei College of Traditional Chinese Medicine, 2006.6
- [64] **XIE Dan**, Zhao Zhen, Chen Ting. Computer science students of practical capacity-building reforms[J], China Education and Development, 2006.9
- [65] **XIE Dan**. An enhanced training model of young college teachers[J]. China Education (Higher Education).2006.10
- [66] **XIE Dan**. Programs to improve student programming ability[J]. Journal of Wuhan Institute of Biological Engineering, 2006.12
- [67] **XIE Dan**, Zhao Zhen, Cai Xiaohong. A Finding Scheme of Web Service Based on Semantic[J]. China Technology Information. 2007.1.
- [68] **XIE Dan**, Cai Xiaohong, Liu Xiumei. The Management Information System Design of Teacher Mental illness[J]. Chinese Traditional and Western Medicine, 2007.2.
- [69] **XIE Dan**, Zhao Zhen, Cai Xiaohong. A platform solution of integrated network of bank branches[J]. Computer Security, 2007.6.
- [70] **XIE Dan**, Zhao Zhen, Wang Hui. A method of how to improve students ability to learn Structured Programming[C]. Proceedings of School Teaching, 2007.1.
- [71] **XIE Dan**, Ying Shi, Jia Xiangyang. Semantic Web services based on Resource Description Framework RDF4S[J]. Software Guide. 2007.12.

PATENTS:

- [1] Invention Patent: Intelligent extraction method and system for clinical research knowledge of traditional Chinese medicine (Authorized), **Xie Dan***, Xie Wenli, Mao Shusong, Lin Feng, Du Zengzhen, etc. 2024-4-8.
- [2] Invention Patent: Traditional Chinese Medicine Physical Examination and Health Consultation System and Method, Liang Zhong; **Xie Dan**; Zou Xiaojuan; Yang Xiaohuan; Wu Song, etc. 2015

SOFTWARE COPYRIGHTS:

- [1] Traditional Chinese Medicine Clinical Knowledge Base Management System (2023SR0988286)
- [2] Traditional Chinese Medicine Pediatric Physical Examination and Health Consultation System (2023SR0989630)
- [3] Medical College Intellectual Property Management Platform (2022SR0225457)
- [4] Clinical Team Information Collection System (2022SR0307874)
- [5] Traditional Chinese Medicine Clinical Symptom Text Annotation System (2021SR1967494)
- [6] Automatic Extraction and Display System for Traditional Chinese Medicine Text Information (2019SR0781564)
- [7] Traditional Chinese Medicine Physical Examination System (2015SR000847)

GRANTS:

- [1] Principal Investigator (80%): ZYGC-FH-202403(¥ 50,000.00)
Construction of Traditional Chinese Medicine Clinical Corpus and Development of Management System - Taking Liver Disease as an Example
2024.10-2026.9
- [2] Principal Investigator (70%): 3002-10149(¥ 280,000.00)
Research on Automatic Recognition of Engineering Drawing Content and Application of Knowledge Graph
2023.5-2025.12
- [3] Principal Investigator (90%): 2022SZXC012(¥ 20,000.00)
Research on the Inheritance and Innovation of Traditional Chinese Medicine Syndrome Differentiation Based on Information Extraction Technology
2022.1-2023.12
- [4] Principal Investigator (100%): 2021502(¥ 20,000.00)
Research on Information Extraction Technology of Traditional Chinese Medicine Electronic Medical Records Based on Knowledge Attributes
2021.10-2023.9
- [5] Principal Investigator (60%): Qiankehe Support General 095(¥ 100,000.00)
Research and demonstration on the construction of a big data platform for characteristic diagnosis and treatment techniques and prescription drugs for common diseases in the medical prevention and treatment of ethnic minorities in Guizhou Province
2021.4-2024.3
- [6] Principal Investigator (90%): WJ2019F185
Research on automatic extraction technology of viral hepatitis electronic medical record information based on lattice LSTM
Guiding project of Hubei Health Committee
2019.1-2021.12
- [7] Researcher (20%): 19YJC880032(¥ 800,000.00)
Research on sharing mechanism of digital learning resources of traditional Chinese medicine based on crowdfunding and innovation
General Project of Humanities and Social Sciences Research of Ministry of Education
2019.1-2021.12
- [8] Researcher (20%): 2018YFC1705600 (¥ 3,080,000.00)
Study on the new scheme and mechanism of TCM diagnosis and treatment of chronic insomnia
Key projects of "Research on modernization of Chinese medicine" by the Ministry of science and technology
2019.1-2021.12

- [9] Principal Investigator (90%): 2017356 (¥5,000.00)
 Empirical Study on the cultivation of comprehensive ability of big data analysis and processing of medical information talents based on Skinner's autonomous learning theory
 Teaching research project of Hubei Provincial Education Department.
 Total Costs:
 2018.1-2019.12
- [10] Principal Investigator (90%): D20172003(¥40,000.00)
 Research on automatic extraction of TCM prescription knowledge from multi source data
 Key scientific research project of Hubei Provincial Education Department.
 2017.1-2018.12
- [11] Researcher (20%): 17Y059(¥20,000.00)
 Study on quality and safety credit index of Chinese herbal medicine
 Hubei Health Committee
 2017.1-2019.12
- [12] Researcher (20%): 201507003(¥1010,000.00)
 Application and scientific evaluation of TCM Intervention Technology for obesity
 Scientific research project of traditional Chinese medicine industry of State Administration of traditional Chinese Medicine
 2015.1-2019.12
- [13] Principal Investigator (90%): 006(¥15,000.00)
 Construction of TCM geriatric data resource management platform in Hubei Province
 Hubei Collaborative Innovation Center for new products of geriatric Chinese medicine of Hubei University of traditional Chinese Medicine
 2016.1-2018.12
- [14] Principal Investigator (50%): 201307003(¥360,000.00)
 Research on the key technology of health monitoring and intervention of elderly community based on the characteristics of TCM
 China Academy of Chinese Medical Sciences
 2013.6-2016.12
- [15] Principal Investigator (90%):2012305(¥5,000.00)
 Medical information research data processing ability of actual combat in education science research training mode of three-in-one
 Teaching research project of Hubei Provincial Education Department.
 2013.1-2014.12
- [16] Researcher (30%):JDZX1012051(¥5,000.00)
 Comparative study of traditional Chinese medicine treatment of chronic hepatitis B with real world effect
 State Administration of Traditional Chinese Medicine
 2012.11-2014.10
- [17] Researcher (20%):31370378(¥800,000.00)
 Studies on the Active ingredients from Smilax china L.with Anti-gynecologic Inflammation efficacy and Structure Modification
 Natural Science Foundation of China
 2014.1-2017.12
- [18] Researcher (30%) 1R01HL106034-01 (\$ 1,582,967.00)
 Statistical Methods for Finding Missing Heritability
 National Institute of Health, USA
 1/10/2011 - 12/31-2014
- [19] Researcher (30%): R01AR057120-01(\$556,353.00)
 Network Approach to GWAS of Rheumatoid Arthritis (RA), Ankylosing Spondylitis (AS) and Psoriasis.
 The National Institute of Arthritis and Musculoskeletal and Skin Diseases
 09/01/2009 -08/31/2011
- [20] Researcher(30%): 2006AA01Z16(¥340,000.00)

the Software Design Language Based on Semantic Web Service 8
the National Nature Science Foundation of China National High technology
Research and Development Program of China(863 program)
2006.06-2009.06

- [21] Researcher(10%): KM200710772003
Service-Oriented Architecture Design Method and Supported Tools Study
Beijing Education Commission
Total Costs: ¥ 100,000
2006.06-2007.06
- [22] Researcher(10%): 60473066
Study of Aspect-Oriented Software Architecture Method
National Natural Science Foundation of China
Total Costs: ¥ 280,000
2007.06-2010.06
- [23] Researcher(10%):20060486045
Mutil-dimensional Aspect Software Architecture Modeling Study
Beijing Education Commission
Total Costs: ¥ 100,000
2008.12-2010.12
- [24] Researcher(30%):
The Information Construction Scheme Study of Demonstration Base for
Traditional Chinese Medicine Hospital
State Administration of Traditional Chinese Medicine
Total Costs: ¥ 800,000
2008.01-2008.12
- [25] Researcher(30%):
The Information Investigation of Demonstration Engineering for Traditional
Chinese Medicine Hospital
State Administration of Traditional Chinese Medicine
Total Costs: ¥ 400,000
2009.10-2010.04
- [26] Researcher(30%):
The Model Book of Demonstration Engineering for Traditional Chinese Medicine
Hospital
State Administration of Traditional Chinese Medicine
Total Costs: ¥ 300,000
2010.06-2011.06
- [27] Developer (100%):
Multimedia Information Query System
Hubei University of Chinese Medicine
Total Costs: ¥ 2,000
2007.01-2007.12
- [28] Developer (100%):
Staff Salary Management System
Hubei University of Chinese Medicine
Total Costs: ¥ 3,000
2006.01-2006.12

COURSES TAUGHT

Computer Professional English (Course organizer)
JAVA Programming (Course organizer)
Design and development of Java EE (Course organizer)
Data Warehouse and Data Mining (Course organizer)
Data Cleaning and Processing(Course organizer)
Management Information System
Principles of Database
Visual C++ Programming