



同济大学 老龄语言与看护研究中心

TONGJI UNIVERSITY
RESEARCH CENTER FOR
AGEING, LANGUAGE AND CARE

健康中国
美好世界



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关于我们 About Us

老龄化与语言衰老是当今世界与中国亟需关注的问题之一。**同济大学老龄语言与看护研究中心**是一家瞄准中国人口老龄化问题及老龄科学发展前沿，以基于多模态数据的研究为特色，对老龄化及语言蚀失、脑神经疾病、老年心理、老年看护等问题进行学术研究、人才培养及社会服务的专门机构。

The Research Center for Ageing, Language and Care at Tongji University is established to address the important issues of language ageing and senior care in the context of global ageing, with a particular focus on China's ageing population and the frontiers in ageing studies. It is among the first independent institutions of its kind in China to adopt multimodal approaches and conducts academic research, personnel training and social services in the field of language ageing, cognitive decline, and gerontology.

主要任务 Our Mission

中心在语言学、医学、老年学、心理学、社会学、管理学等多学科背景下，形成了从基础研究、临床应用发展到社区服务的发展路线图，主要任务包括：开展健康老年人、罹患认知症等特殊群体老年人的言语行为特征、认知方式及病理机制等基础性研究；结合人工智能技术进行认知症早期辅助诊断、认知训练、病程管理、数据库建设等方面的研发工作；参与认知症管理、老龄化社区建设等服务，为社会治理创新与精细化管理提供智库建议。

Utilizing multifaceted disciplinary approaches including linguistics, medicine, gerontology, psychology, sociology and management, the Center conducts fundamental research on linguistic behavior, cognitive pattern and pathomechanism of seniors with dementia. The Center carries out research and development on early diagnosis, cognitive training, disease management and database construction with the help of Artificial Intelligence technology. The Center also screens for cognitive impairment and participates in social services, as well as providing think tank suggestions for governments on ageing-friendly community construction and ageing society management.

cognitive decline
language ageing
GERONTOLOGY



对接脑智同飞联合研究中心

The Center collaborates with a leading AI and Brain research institution in China.

核心成员 Team Members

中心已初步形成多学科、多领域背景的科研与服务队伍，合作单位包括：

- 同济大学外国语学院
- 同济大学医学院
- 同济大学附属同济医院
- 同济大学附属养志康复医院
- 中国社会科学院语言研究所
- 北京外国语大学人工智能与人类语言重点实验室
- 科大讯飞股份有限公司
- 平安科技（上海）有限公司
- 国药康养实业（上海）有限公司

The Center has an interdisciplinary research and service team of members from the following organizations:

- School of Foreign Languages, Tongji University
- School of Medicine, Tongji University
- Tongji Hospital affiliated with Tongji University
- Yangzhi Rehabilitation Hospital affiliated with Tongji University
- Chinese Academy of Social Sciences
- BFSU Artificial Intelligence and Human Language Lab
- IFLY TEK Co., Ltd
- PingAn Technology
- China Sinopham Healthcare Industry Company

中心主任、首席专家 Director, Chief Expert



顾曰国

北京外国语大学冠名讲席教授
中国社会科学院研究员
同济大学兼职教授

Prof. Dr. Yueguo Gu
Beijing Foreign Studies University
Chinese Academy of Social Sciences
Tongji University

中心秘书长 General Secretary



黄立鹤

同济大学长聘教授

Prof. Dr. Lihe Huang
Tongji University



郑加麟

同济大学医学院院长、教授

Prof. Dr. Jialin Zheng
Dean of School of Medicine,
Tongji University



靳令经

同济大学附属养志
康复医院院长、主任医师

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President, Chief Physician
Yangzhi Rehabilitation Hospital affiliated
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上海市浦东医院神经内科
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祖漪清

科大讯飞研究院
高级研究员

Dr. Yiqing Zu
Senior Research Fellow
IFLY TEK Research Institute

中心基于各种技术开展研究
The Center conducts research with ERP, fMRI and eye-tracking technology.



开展语言认知评估
The Center provides linguistic and cognitive assessment.

成立“拾忆”公益服务团队
The Center established a service team named "Memory Seeker".



进行社区认知障碍干预
The Center provides cognitive impairment intervention service.



发展概况 Our Achievements

中心已形成了从基础研究、临床应用到健康服务的发展路线图。成员主持或参与多项国家自然科学基金项目、国家社科基金项目、教育部人文社科项目等纵向及横向项目，已在国际 SCI、SSCI、EI 或国内 CSSCI 等检索期刊、国内外知名出版社发表或出版论著、文集。中心举办了以多模态与老龄语言研究为专题的全国学术论坛，并策划出版“老年语言学丛书”；依托中心成立的“拾忆”老龄志愿服务团队，获中国青年志愿服务项目大赛金奖，在上海市多个行政区域开展知识普及、评估筛查、干预康复等服务，发布科普手册、研发线上小程序。中心社会效益显著，受到光明日报、解放日报、人民网、中国社会科学报、新民晚报、上海广播电视台等主流媒体报道。

The Center has formulated a detailed roadmap covering basic research, clinical applications and health services. Our members have published widely in SCI, SSCI, EI or CSSCI indexing journals or manuscripts with reputable publishers entitled "Gerontolinguistics Series". The Center has organized several high-level forums on multimodal and language ageing studies and actively engaged itself in the development of computer-aided cognitive assessment system and provided community with health services based on the research outcomes. Today, the Center has an excellent reputation with growing reports from the mainstream media in China.

未来愿景 Our Vision

中心将持续开展扎实的基础性研究，并积极实现产学研合作与创新成果转化，联手合作单位培养青年人才，对接社区健康服务。中心力争从学术研究、人才培养与社会服务等多个方面为我国老龄事业发展、实现人口积极老龄化贡献力量。

As a leading innovative research institution in China, the Center works closely with academics, clinics, and industry sectors to carry out both basic and applied research that aims to promote active ageing of Chinese seniors and serve China's growing ageing population.



研究项目 Research Projects

成员围绕中心主要任务，主持或参与了一系列基础研究、应用研发及社会服务项目，包括：

- 国家社科基金重大项目“我国老年人语言能力的常模、评估及干预体系研究”
- 国家社科基金重点项目“基于老年多模态语料库老年语言能力与语言障碍研究”
- 国家社科基金项目“基于多模态语料库的阿尔茨海默症老年人语用能力蚀失研究”
- 国家社科基金项目“基于多模态语料库的正常老年人和老年阿尔茨海默症患者语言蚀失及大脑机制对比研究”
- 教育部人文社会科学研究基金项目“基于多模态语料库的智退症老年人言语行为研究”
- 教育部人文社会科学研究基金项目“阿尔茨海默症患者话语互动中的身份意识蚀失研究”
- 中国残联听力语言残疾预防与康复专项课题“我国认知障碍老年患者语义特征研究”
- 中央高校基本科研业务费专项资金项目“面向认知障碍评估的老年人言语行为多模态研究及常模构建”
- 中央高校基本科研业务费专项资金项目“阿尔兹海默症人群言语能力衰退的表现、病理及配合治疗研究”
- 国家语委科研规划重点项目“基于机器学习的老年人认知障碍语言标志物研究”
- 国家语委科研规划后期资助项目“老龄化与老年语言学引论”
- 国家语言文字推广基地重点项目“上海中心城区老年人语言生活生态评估体系建构研究”
- 德国亚历山大·冯·洪堡基金会联邦总理奖学金项目“家庭友好型社会作为老龄化应对方案”
- 同济大学-科大讯飞脑智同飞联合研究中心项目“基于多模态大数据的老年认知障碍自动检测方法系统与系统研发”
- 平安科技（上海）有限公司委托横向项目“健康及认知障碍老年人语音特征数据库建设与研究”
- 上海市哲学社会科学规划课题“上海‘老年友好型单位’建设模式及标准体系研究”
- 上海市老年认知障碍友好社区建设项目试点



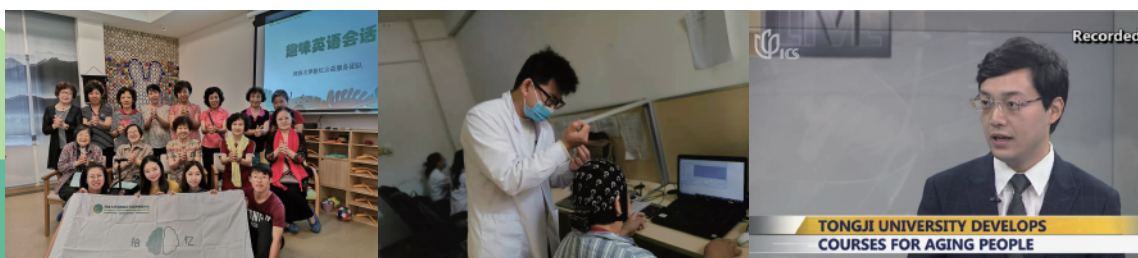
The team members have hosted or participated in a series of granted programs for fundamental research, application development and social services. These programs include:

- National Social Science Foundation Major Project “The Study of Norm, Evaluation and Intervention of Chinese Elders’ Linguistic Competence”
- National Social Sciences Foundation Key Project “A Multimodal Corpus-based Study of Linguistic Ability and Disorder of Chinese Elders”
- National Social Sciences Foundation Project “A Multimodal Corpus-based Study of the Pragmatic Competence of Elderly Patients with Alzheimer’s Disease”
- National Social Sciences Foundation Project “A Multimodal Corpus-based Study of Language Ageing and Cognitive Mechanism for Healthy and AD Elders”
- China’s Ministry of Education Project of Humanities and Social Sciences “A Multimodal Corpus-based Study of Speech Acts of Elderly Patients with Alzheimer’s Disease”
- China’s Ministry of Education Project of Humanities and Social Sciences “A Study of Identity Attrition in the Discourse of AD Patients”
- The Project of China Disabled Persons’ Federation “A Study of Semantic Disorder of Older Adults with Dementia in China”
- Fundamental Research Fund for the Central Universities “A Multimodal Study of Speech Acts and Norm Construction of Elderly Patients with Alzheimer’s Disease: Towards Cognitive Impairment Assessment”
- Fundamental Research Fund for the Central Universities “A Study of Linguistic Competence, Pathological Mechanism and Supplementary Treatment of AD Patients”
- National Language Committee Project of China “A machine-learning-based study of linguistic markers of older adults’ cognitive impairments”
- National Language Commission Project “Introduction to Ageing and Gerontolinguistics”
- National Base for Language Promotion Key Project “A Study of Language Experience of Older Adults in Urban Shanghai”
- German Chancellor Fellowship of Alexander von Humboldt Foundation “Research on the Policy and Its Practice of Family-friendly Aging Society Construction”
- Tongji University-iFLYTEK Brain & AI Institute Project “Multimodal-and-Bigdata-based Development of Automatic Assessment System Elders with Cognitive Impairment”
- Ping An (Shanghai) Technology Co., Ltd. Granted Project “Research on Cognitively Healthy and Impaired Elders’ Phonetic Features”
- The Project of Philosophy and Social Science Foundation of Shanghai “A Study of Pattern and Criteria of Age-Friendly Business Development”
- Shanghai Elderly Cognitive Impairment Friendly Community Construction Program

合作交流 Global Partners

中心积极拓展与境内外相关机构的合作，成员已与马来西亚马来亚大学、加拿大渥太华大学、澳大利亚悉尼科技大学、德国科隆大学、德国波茨坦大学、中国台湾“中研院”、中国台湾中正大学、香港理工大学等单位进行了形式多样的合作交流。目前，中心正积极寻求与相关领域的世界高水平研究机构建立战略合作伙伴关系。

The Center has long been expanding its cooperation with related organizations both at home and abroad. These organizations include University of Malaya (Malaysia), the University of Ottawa (Canada), the University of Technology Sydney (Australia), University of Cologne (Germany), University of Potsdam (Germany), Academia Sinica (Taiwan, China), National Chung Cheng University (Taiwan, China), and the Hong Kong Polytechnic University (China).





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中心官网: ageing.tongji.edu.cn

欢迎海内外研究机构、研究人员
与本中心开展学术交流与合作

We are seeking to establish global partnerships with
like-minded organizations

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