

Plan of Xiamen University Postdoctoral Fellow Recruitment for 2022

序号	Postdoctoral Programs	Supervisor	Num. of Vacancies	Research Interests	Essential Qualifications	Description of the project	Supervisor's E-Mail	Notes
1	Foreign Languages and Literature	Jing Chen	2	Interpreting Studies.		Interpreting Assessment, ICT-Aided Interpreter Training, Interpreting as Intercultural Communication.	jchen@xmu.edu.cn	
2	Foreign Languages and Literature	Yue Liu	2	Intercultural Studies, Chinese-German cultural relations/ Highly qualified migration in Europe (focus on Germany preferred).		Cultures and their philosophies in East-West comparison.	liuyue@xmu.edu.cn	English and/or German as publication language preferred
3	Foreign Languages and Literature	Lu Jiande; Su Yuxiao(Associate Supervisor)	2	Literature in English and comparative literature.		Candidates are expected to contribute to our projects on the research of Literature in English & Comparative Literature.	lujd@cass.org.cn;yuxiao@sina.com	
4	Foreign Languages and Literature	Xiaoyan Xiao	1	sign language interpreter education.		Independent research into: 1. Education of Sign language interpreters in China, e.g. curriculum design, pedagogy, course materials development and testing/assessment; 2.SLI in the medical and police/court settings. Expected to co-author a monograph and journal papers in both Chinese and English and in the application of grants.	xyxiao@xmu.edu.cn	
5	Foreign Languages and Literature	XIN Zhiying	2	functional linguistics.		applied research of functional linguistics.	xinzhiying@xmu.edu.cn	
6	Marine sciences	Steven Alan Kuehl	1	Environmental radiation detection and measurement, application of advanced gamma spectroscopy multi-detector counting systems.		Using advanced signal processing techniques and multi-detector arrays of HPGe gamma detectors to extend the MDL of measurements of environmental radionuclides such as ²¹⁰ Pb, ¹³⁷ Cs, ⁹⁰ Sr, ²²⁶ Ra. Develop new approaches for small-sample measurement. Application of results to sediment geochronology and groundwater hydrology.	skuehl@xmu.edu.cn	
7	Marine sciences	Steven Alan Kuehl	1	Human impacts on coastal and deltaic environments, Holocene evolution of major Asian river deltas, role of evolving Holocene coastal landscapes on human cultural evolution.		Asia's rivers affect more than half of the world's population, providing water for cities, agriculture, transportation, and power generation and contributing to flooding and landslide hazards. These rivers also play important roles in many physical and biogeochemical processes on Earth's surface, shaping the landscape and conveying huge quantities of water, sediment, and dissolved constituents to marginal seas—the regions that separate coastal zones from the open ocean.	skuehl@xmu.edu.cn	
8	Marine sciences	Minggang Cai	2	Oceanographic process, marine pollution, ecosystem based marine management.		paper working, data treatment, lab work and field trip.	mgcai@xmu.edu.cn	
9	Marine sciences	pinghe Cai	2	chemical oceanography.		working on analytical chemistry and marine chemistry research.	caiph@xmu.edu.cn	
10	Marine sciences	Pong Cheng	1	estuarine and coastal dynamics; sediment dynamics.		Needed but not limited to estuarine dynamics, river plume, submesoscale processes, ocean bottom boundary sediment dynamics, sediment transport modeling and biogeochemistry modeling in coastal seas.	pcheng@xmu.edu.cn	
11	Marine sciences	Minhan Dai	3	Majors including Marine Chemistry, Solution Chemistry, Physical Chemistry, Solid Chemistry, Mineralogy and so on.		1. Study on CO ₂ electrolysis and hydrogen production in seawater; 2. Study on dissolution kinetics and surface interface mechanism of minerals in seawater environment; 3. Comparison of solubility pumps and biological pumps in the North Pacific.	mdai@xmu.edu.cn	
12	Marine sciences	Kunshan Gao	2	Marine environmental change physiology.		Physiological mechanisms of algae to environmental stresses.	kgao@xmu.edu.cn	
13	Marine sciences	Zhiyu Liu	2	Upper ocean dynamics; Oceanic (sub)mesoscale dynamics; Internal waves; Ocean turbulence and mixing; Ocean scale interactions and energy transfers/cascades.		Cooperate with supervisor to conduct scientific research.	zyluo@xmu.edu.cn	
14	Marine sciences	Yawei Luo	2	Marine Ecology, Marine Biogeochemical Cycle.		Study the response of marine microorganisms and biogeochemical cycles to global changes by numerical model or mathematical analysis. Specific research directions include marine nitrogen fixation, marine virus ecology, etc.	ywluo@xmu.edu.cn	

15	Marine sciences	Shanlin Wang	2	1. Earth System Modeling or Ocean Biogeochemical modeling; 2. Ocean Biogeochemical Data Analysis.	Ocean is one of the most important sinks of CO ₂ . Marine ecosystems and ocean biogeochemical cycle play a vital role in global climate change and is an important module in Earth system models. Recent studies have shown that the structure of marine ecosystem model and representations of biogeochemical processes are often the main sources of uncertainty in the simulation of carbon cycle and marine carbon storage. However, the impacts of biological community changes on biogeochemical cycles have often been ignored in marine ecosystem modeling. Comprehensive considerations of various processes in marine ecosystems and reasonable representations of biogeochemical cycles are also important for marine biogeochemical modeling. The applicants' research includes: 1) studying the mechanisms and impact of marine biogeochemical cycle by using biogeochemical/ecosystem modeling and data analyses; 2) biogeochemical coupling between ocean and other components of the Earth System, and feedback between ocean biogeochemistry and climate; 3) anomaly detection and correlation analysis on ocean biogeochemical modeling and/or observational data.	shiwang@xmu.edu.cn
16	Marine sciences	Wei-Lei Wang	1	1. Oceanic carbon cycle; 2. biogeochemical cycle of tracer metal.	In this project, we will use inverse model to diagnose large-scale carbon flux. Meanwhile, we will incorporate cycling of trace metal into the model, and trace back the cycling characteristic of those metals.	weilei.wang@gmail.com
17	Marine sciences	Feng Xu	2	Fish Genome assistant Breeding and Selection.	Carry out research work in fish genetics, economic fish genetics and breeding.	xupeng77@xmu.edu.cn
18	Marine sciences	Rui Zhang	2	Marine viruses.	Isolation of marine viruses; activity and diversity of marine viruses; bioinformatics of virome; viral structure analysis;	ruizhang@xmu.edu.cn
19	Marine sciences	Wenjing Zhang	1	Planktology; Microzooplankton; Protozoology; Molecular and Environmental Planktology.	1.Mechanism of protozoan community stability effected by ecological floating bed in the aquaculture area; 2.Biogeochemical cycling characteristics and ecological effects of midflat culture system; 3.Research of ecological restoration and ecological pasture construction in typical degraded waters of the East China Sea -- mechanism of microplankton diversity change in Sansha Bay.	zhangwenjing@xmu.edu.cn
20	Marine sciences	Yao Zhang	2	Microbial Oceanography, Marine Microbial Ecology, Carbon Cycle, Nitrogen Cycle.	1.Microbially mediated nitrogen and carbon cycling processes combining molecular analysis and rate/activity analysis based on radioactive/stable isotope tracers, with emphasis on coupling study between carbon and nitrogen cycles and relating microbes to the biogeochemical fluxes in the water masses; 2. Physiology and mini-metagenomics/transcriptomics/proteomics/metabolomics studies of functional groups based on cultures/in situ community cultures; 3. Coupling study of biogeochemical processes and physical oceanography using ecological model approach.	yaozhang@xmu.edu.cn
21	Electronic Science and Technology	YANG WEIFENG	3	Semiconductor materials and devices.	The growth of novel semiconductor materials and their applications in optoelectronic devices and electronic devices.	yangwf@xmu.edu.cn
22	Electronic Science and Technology	Jiyang Dong	1	Bioinformatics, Deep learning.	developing new molecular network modeling methods, analyzing metabolic reprogramming, elucidating the body's metabolic perception and response mode towards specific diseases like liver cancer; analyzing metabolic information exchange and network regulation between metabolites or organs.	jiydong@xmu.edu.cn
23	Electronic Science and Technology	Xiaopeng DONG	2	Intelligent sensing with optical fiber and laser.	Research on the principle and technology of optical fiber, laser and their applications.	xpdong163@163.com

24	Electronic Science and Technology	Donghui Guo	1	Artificial Intelligence/Network Communication/IC Design.		The position is affiliated with the Group of Prof. Donghui Guo. The major research interest including but not limited to: Artificial Intelligence(Neural Networks), Network Communication(Information Security), Integrated Circuit Design (Power Devices, Micro-nano Electronics, Biosensors). The period of employment is 2-3 years.Under the age of 35 and possess sound ideological and political views as well as physical and mental health.Have obtained a doctoral degree in Electric/Electronic Engineering or a related field from well-known universities or scientific research institutes at home or abroad in recent 3 years.Have strong scientific research ability and innovative ability. Hands-on research experience in Artificial Intelligence(Neural Network) or Micro Electronic Technique.Proven ability to software coding and hardware development in Electric/Electronic Engineering or a related field.Great English communication and writing skills.	dhguo@xmu.edu.cn
25	Electronic Science and Technology	Na Liu	1	High-performance computation of three-dimensional integrated circuits.		Obey the regulations on post doctoral management of Xiamen University.	liuna@xmu.edu.cn
26	Electronic Science and Technology	Xiaobo Qu	3	Signal and Image Processing, Medical Imaging and Analysis, Artificial Intelligence, Cloud Computing,Clinical Data Analysis.		Theories and Methods: Signal processing, image processing, machine learning, deep learning, harmonic analysis, optimization algorithms, high performance computing, magnetic resonance physics Applications: Magnetic resonance imaging, magnetic resonance spectroscopy, medical image big data, wireless sensor network, remote sensing image processing.	quxiaobo@xmu.edu.cn; csrc_assistant@xmu.edu.cn
27	Electronic Science and Technology	Prof. Daquan Yu	2	3D TSV/3D IC.		From Industry Assignment.	yudaquan@xmu.edu.cn
28	Electronic Science and Technology	Jinfeng Zhu	2	Nanophotonics, Metamaterials, Plasmonic Sensing, Microfluidic Sensors, Raman Spectroscopy Detection.		The work is focused on the research of nano-optics, plasmonic sensing, or Raman detection.	jfzhu@xmu.edu.cn
29	Materials Science and Engineering	Dongliang Peng	2	Electrode materials for Lithium-ion batteries.		Synthesis of electrode materials for lithium-ion batteries, and its electrochemistry property.	dipeng@xmu.edu.cn
30	Materials Science and Engineering	Liping Sun	1	micro/nanotechnology.		Develop novel micro/nano biomaterials for the detection of disease biomarkers or cancer diagnosis/therapy.	sunliping@xmu.edu.cn
31	Chemistry	Hongmin Chen	8	Molecular imaging.	Chemistry, biology or physics, with radiochemistry, organic chemistry, molecular biology or medical imaging research experience is preferred	Work on the synthesis and translational evaluation of multimodal probes.	hchen@mail.ipc.ac.cn
32	Chemistry	Cheng Tong	1	Prophylactic and therapeutic vaccines:Structural biology; Pathogen infection and pathogenesis.	With good research background in molecular biology, cellular biology, virology or structural biology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines;Neutralizing epitope; Pathogen infection and pathogenesis.	ctheng@xmu.edu.cn
33	Chemistry	Ge Shengxiang	1	Epidemiology; Molecular immunology; New diagnostic techniques.	With good research background in immunology, or epidemiology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on epidemiology; Molecular immunology; Novel diagnostic techniques.	sxge@xmu.edu.cn
34	Chemistry	Li Shaowei	1	Prophylactic and therapeutic vaccines:Structural biology; Genetic engineering.	With good research background in molecular biology, virology or structural biology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines;Structural biology; Genetic engineering.	shaowei@xmu.edu.cn
35	Chemistry	Zijing Li	2	Molecular imaging.	No more than 35 years old; Possess a Ph.D. in pure chemistry/applied chemistry.	Description of the project: The Li group focuses on the development of novel 18F-labeled molecular probes for Positron Emission Tomography (PET), i.e., synthetic organic/bioconjugate chemistry, aqueous 18F-labeling methods, PET imaging and mechanistic studies.	zijing.li@xmu.edu.cn
36	Chemistry	Gang Liu	4	Biomedical Science.	Applicant should have earned a doctorate degree in the past three years, with a good research background in molecular biology, biomaterials or nanomedicine. Applicant should have strong ability to work independently, and have a strong sense and responsibility and team spirit. Experience in molecular imaging is desirable.	Work on molecular imaging probes, biomedical polymers, drug/gene transmission systems studies.	gangliu.cmta@xmu.edu.cn
37	Chemistry	Xia Ningshao	2	Prophylactic and therapeutic vaccines; New diagnostic techniques; Tumor therapy; Pathogen infection and pathogenesis.	With good research background in molecular biology, virology, or immunology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines; New diagnostic techniques; Tumor therapy; Pathogen infection and pathogenesis.	nsxia@xmu.edu.cn

38	Chemistry	Quan Yuan	1	Prophylactic and therapeutic vaccines; monoclonal antibody; Pathogen infection and pathogenesis.	With good research background in molecular biology, virology, or immunology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines; monoclonal antibody; Pathogen infection and pathogenesis.	yuanguan@xmu.edu.cn	
39	Chemistry	Zhang Jun	2	Epidemiology; Molecular immunology; New diagnostic techniques; Bioinformatics.	With good research background in immunology, bioinformatics or epidemiology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on epidemiology; Molecular immunology; Novel diagnostic techniques; Bioinformatics.	zhangj@xmu.edu.cn	
40	Chemistry	Xianzhong Zhang	4	Molecular imaging.	Chemistry, biology or physics, with radiochemistry, organic chemistry, molecular biology or medical imaging research experience is preferred.	Work on research related to the biomarker screening, synthesis and translational evaluation of SPECT/PET probes in cardiology and oncological studies.	zhangxzh@xmu.edu.cn	
41	Chemistry	Zjian Zhou	1	Molecular imaging.	Applicant should have a Chemistry of Biology degree, preferably with the experience on molecular imaging probes design and biomedical applications.	The candidate will work on developing novel molecular imaging probes and strategies for diagnosis of cancer and other diseases. The candidate will also utilize new biochemical tools developed in Zhou lab to engineer immunity-disease interactions and elucidate mechanism of key limitations in current diseases therapeutics such as T cell exhaustion, ferroptosis, phenotypic changes of macrophages.	zhouz@xmu.edu.cn	
42	Biology	Hongmin Chen	8	Molecular imaging.	Chemistry, biology or physics, with radiochemistry, organic chemistry, molecular biology or medical imaging research experience is preferred.	Work on the synthesis and translational evaluation of multimodal probes.	hchen@mail.ipc.ac.cn	
43	Biology	Cheng Tong	1	Prophylactic and therapeutic vaccines; Structural biology; Pathogen infection and pathogenesis.	With good research background in molecular biology, cellular biology, virology or structural biology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines; Neutralizing epitope; Pathogen infection and pathogenesis.	tccheng@xmu.edu.cn	
44	Biology	Ge Shengxiang	1	Epidemiology; Molecular immunology; New diagnostic techniques.	With good research background in immunology, or epidemiology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on epidemiology; Molecular immunology; Novel diagnostic techniques.	sgge@xmu.edu.cn	
45	Biology	Li Shaowei	1	Prophylactic and therapeutic vaccines; Structural biology; Genetic engineering.	With good research background in molecular biology, virology or structural biology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines; Structural biology; Genetic engineering.	shaowei@xmu.edu.cn	
46	Biology	Zijing Li	2	Molecular imaging.	No more than 35 years old; Possess a Ph.D. in pure chemistry/applied chemistry.	Description of the project: The Li group focuses on the development of novel IRF-labeled molecular probes for Positron Emission Tomography (PET), i.e., synthetic organic/bioconjugate chemistry, aqueous IRF-labeling methods, PET imaging and mechanistic studies.	zijing.li@xmu.edu.cn	
47	Biology	Gang Liu	4	Biomedical Science.	Applicant should have earned a doctorate degree in the past three years, with a good research background in molecular biology, biomaterials or nanomedicine. Applicant should have strong ability to work independently, and have a strong sense and responsibility and team spirit. Experience in molecular imaging is desirable.	Work on molecular imaging probes, biomedical polymers, drug/gene transmission systems studies.	gangliu.cmt@xmu.edu.cn	
48	Biology	Xia Ningshao	2	Prophylactic and therapeutic vaccines; New diagnostic techniques; Tumor therapy; Pathogen infection and pathogenesis.	With good research background in molecular biology, virology, or immunology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines; New diagnostic techniques; Tumor therapy; Pathogen infection and pathogenesis.	nxia@xmu.edu.cn	
49	Biology	Quan Yuan	1	Prophylactic and therapeutic vaccines; monoclonal antibody; Pathogen infection and pathogenesis.	With good research background in molecular biology, virology, or immunology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on prophylactic and therapeutic vaccines; monoclonal antibody; Pathogen infection and pathogenesis.	yuanguan@xmu.edu.cn	
50	Biology	Zhang Jun	2	Epidemiology; Molecular immunology; New diagnostic techniques; Bioinformatics.	With good research background in immunology, bioinformatics or epidemiology, and have good research experiences, high-quality papers or awards. Applicant should have strong ability to work independently, and have a strong sense of responsibility and team spirit.	Research on epidemiology; Molecular immunology; Novel diagnostic techniques; Bioinformatics.	zhangj@xmu.edu.cn	

51	Biology	Xianzhong Zhang	4	Molecular imaging.	Chemistry, biology or physics, with radiochemistry, organic chemistry, molecular biology or medical imaging research experience is preferred.	Work on research related to the biomarker screening, synthesis and translational evaluation of SPECT/PET probes in cardiology and oncological studies.	zhangxz@xmu.edu.cn	
52	Biology	Zjian Zhou	1	Molecular imaging.	Applicant should have a Chemistry of Biology degree, preferably with the experience on molecular imaging probes design and biomedical applications.	The candidate will work on developing novel molecular imaging probes and strategies for diagnosis of cancer and other diseases. The candidate will also utilize new biochemical tools developed in Zhou lab to engineer immunity-disease interactions and elucidate mechanism of key limitations in current diseases therapeutics such as T cell exhaustion, ferroptosis, phenotypic changes of macrophages.	zhouz@xmu.edu.cn	
53	Clinical Medicine	Tianhui Hu	1	Tumor metastasis, tumor microenvironment.		Work independently with tumor metastasis project.	thu@xmu.edu.cn	
54	Clinical Medicine	Haibin Wang	3	The regulation of embryo implantaion and placental development, and pregnancy-related diseases.		To study how embryo implantaion and placental development are regulated, and the pregnancy-related diseases.	haibin.wang@vip.163.com	
55	Clinical Medicine/Biology/Chemistry	Lei Wen	2	The neurobiology of neurodegenerative diseases and other nervous and mental diseases, the mechanisms and substantial foundation of the actions of Chinese Medicine and natural products in treating nervous and mental diseases as well as the cardio-cerebrovascular diseases.		Researches mainly focus on the neurobiology of Alzheimer's disease, Parkinson's disease and other neurodegenerative diseases, the neurobiology of depression, chronic pain and diabetic neuropathy, the mechanisms and substantial foundation of the actions of Chinese Medicine and natural products in treating mental and nervous system diseases as well as the cardio-cerebrovascular diseases.	wenlei@xmu.edu.cn	1. Those with excellent performance can be employed in teaching, scientific research or clinical practice; 2. Can jointly recruit postdoctoral fellows with affiliated hospitals or Xiamen Hospital of Traditional Chinese Medicine and enjoy relevant salary and benefits of these hospital.
56	Clinical Medicine	Zhang, Guo-Jun	2	oncology.		Research outcomes in the molecular imaging-guided cancer precise therapy as per the Postdoc Center's criteria.	gjzhang@xah.xmu.edu.cn	
57	Clinical Medicine	Zhang Jie	2	Research on pathogenesis and drug development of major neurological diseases (senile dementia, depression, autism, postoperative cognitive impairment).		Able to independently design and carry out basic research in neurobiology, cell biology, molecular biology, etc. Be able to sort out experimental results independently and write scientific papers and books. At the same time to complete other laboratory related scientific research work.	jiezhang@xmu.edu.cn	
58	Biology	Haibin Wang	1	The regulation of embryo implantaion and placental development, and pregnancy-related diseases.		To study how embryo implantaion and placental development are regulated, and the pregnancy-related diseases.	haibin.wang@vip.163.com	
59	Clinical Medicine/Biology/Chemistry	Lei Wen	2	The neurobiology of neurodegenerative diseases and other nervous and mental diseases, the mechanisms and substantial foundation of the actions of Chinese Medicine and natural products in treating nervous and mental diseases as well as the cardio-cerebrovascular diseases.		Researches mainly focus on the neurobiology of Alzheimer's disease, Parkinson's disease and other neurodegenerative diseases, the neurobiology of depression, chronic pain and diabetic neuropathy, the mechanisms and substantial foundation of the actions of Chinese Medicine and natural products in treating mental and nervous system diseases as well as the cardio-cerebrovascular diseases.	wenlei@xmu.edu.cn	1. Those with excellent performance can be employed in teaching, scientific research or clinical practice; 2. Can jointly recruit postdoctoral fellows with affiliated hospitals or Xiamen Hospital of Traditional Chinese Medicine and enjoy relevant salary and benefits of these hospital.
60	Biology	Jiaxing Zhang	2	Hypoxic neurophysiology.		Independent research.	zhangjiaxing@xmu.edu.cn	
61	Theoretical Economics	Wu Chongbo	1	Asia-Pacific finance.			cbwu2@163.com	
62	History of the World	Fan Hongwei	1	Southeast Asian Studies, Overseas Chinese Studies.			fhw@xmu.edu.cn	
63	History of the World	Feng Lijun	1	History of Sino-Foreign Relations.			fljcb@163.com	
64	History of the World	Li Yiping	1	History of Southeast Asian ; History of Asia-Pacific International Relations.			ypili@xmu.edu.cn	
65	History of the World	Liu Yong	1	History of Sino-Foreign Relations.			liuyong@xmu.edu.cn	
66	History of the World	Mie Dening	1	History of Relations Between China and Southeast Asia, History of Overseas Chinese in Southeast Asia.			dmie@xmu.edu.cn	
67	Political Science	Li Yiping	2	Asia-Pacific International Relations.			ypili@xmu.edu.cn	

68	Environmental Science and Engineering	Mindong Bai	4	Environmental Science & Engineering , Marine Ecological Engineering, Free radical Biology & Chemistry, Marine Biology, Machinery, Physical electronics, etc .		1.Participated in applying and implementing of the scientific research projects of the cooperative tutors; 2. Paper writing; 3. Student guidance; 4. Independently or assisted in applying related projects.	mindong-bai@163.com	
69	Environmental Science and Engineering	Wenzhi Cao	2	Wetland Biogeochemistry,Remote sensing application,waste treatment and resource/energy recovery,molecular biological techniques.		1.Evaluation and management of urban ecological security; 2.Urban Economics of resources and environment; 3.Development of waste treatment and resource/energy recovery; 4.Application of molecular biological techniques in ecology and environmental engineering.	wzcaoc@xmu.edu.cn	
70	Environmental Science and Engineering	Nengwang Chen	1	Environmental Biogeochemistry.		To carry out field work or modelling work on nutrient cycling processes in the subtropical watershed-coast continuum.	nwchen@xmu.edu.cn	
71	Environmental Science and Engineering	Qinhua Fang	2	Coastal sustainable development.		Research on regional sustainable ocean economy development.	qhfang@xmu.edu.cn	
72	Environmental Science and Engineering	Kunshan Gao	2	Aquatic environmental change physiology.		Physiological mechanisms of algae to environmental stresses.	kscao@xmu.edu.cn	
73	Environmental Science and Engineering/Ecology	Bangqin Huang	4	Marine environmental Science,Marine ecology, Biological oceanography.		1.Use multi-disciplinary technology to address the dynamics and the forcing of the coastal ecosystem, coupling with land-ocean interactions under human perturbation and climate changes; 2.Study the carbon sequestration process, carbon storage mechanism of marine ecosystem and its response to climate change by the context of modern biogeochemical process; etc.	bqhuang@xmu.edu.cn	
74	Environmental Science and Engineering/Ecology	Yangfan Li	2	Coastal Sustainability.		Coastal Land-Water-Biodiversity Nexus: spatial mechanism and integrated land-sea application, spatial modelling and analysis, UAV.	yangf@xmu.edu.cn	
75	Environmental Science and Engineering	Ranwen Ou	1	1.Development and application of light-regenerable adsorbent; 2.Forward osmosis-ultrafiltration process for wastewater treatment.		Development of light-regenerable adsorbent and its application for wastewater treatment and resources recovery.	ouranwen@xmu.edu.cn	
76	Environmental Science and Engineering/Ecology	Dazhi Wang	2	Environmental microbiome, proteogenomics of marine phytoplankton.		1. Using whole genome sequencing and proteomic approach to study the evolution and ecology of marine phytoplankton; 2. Integrated metagenomics and metaproteomics to study the microbe-driven biogeochemical cycles.	dzwang@xmu.edu.cn	
77	Environmental Science and Engineering	Xiongzhi XUE	1	1.Sustainable Ocean and Coastal Development; 2.Marine Spatial Planning.		Participate in the supervisor's research projects especially the Malaysia Marine Spatial Planning Project.	xxue@xmu.edu.cn	
78	Environmental Science and Engineering	Xin Yu	3	1.Water treatment and water pollution control; 2.Microbiology in environmental engineering.		1.To investigate the occurrence and removal of emerging chemical and microbiological contaminants in water and wastewater treatment systems; 2.To co-supervise M.S. or Ph.D. students; to assist the PI in lab management.	xyu@xmu.edu.cn	
79	Environmental Science and Engineering	Yao Zhang	2	Microbial Oceanography, Marine Microbial Ecology, Carbon Cycle, Nitrogen Cycle.		1.Microbially mediated nitrogen and carbon cycling processes combining molecular analysis and rate/activity analysis based on radioactive/stable isotope tracers, with emphasis on coupling study between carbon and nitrogen cycles and relating microbes to the biogeochemical fluxes in the water masses. 2.Physiology and mini-metagenomics/transcriptomics/proteomics/metabolomics studies of functional groups based on cultures/in situ community cultures. 3.Coupling study of biogeochemical processes and physical oceanography using ecological model approach.	yaozhang@xmu.edu.cn	
80	Ecology	Yuxin Chen	1	Community ecology, biodiversity, plant ecology.		Research on community ecology, using statistical modelling or experiments.	yuxin.chen@xmu.edu.cn	
81	Environmental Science and Engineering/Ecology	Bangqin Huang	4	Marine environmental Science,Marine ecology, Biological oceanography.		1.Use multi-disciplinary technology to address the dynamics and the forcing of the coastal ecosystem, coupling with land-ocean interactions under human perturbation and climate changes; 2.Study the carbon sequestration process, carbon storage mechanism of marine ecosystem and its response to climate change by the context of modern biogeochemical process; etc.	bqhuang@xmu.edu.cn	

82	Ecology	Qingshun Quian Li	1	1. Molecular biology or molecular ecology; 2. Applied Ecology.		Molecular biology direction: To study the contribution and mechanism of selective polyadenylation of model plants and crops to environmental response and important traits by modern molecular biological methods; molecular ecosystem Direction: To study the molecular mechanism of coastal wetland plants adapting to the special environment of intertidal zone through multi omics technology.	liqq@xmu.edu.cn	
83	Environmental Science and Engineering/Ecology	Yangfan Li	2	Coastal Sustainability.		Coastal Land-Water-Biodiversity Nexus: spatial mechanism and integrated land-sea application, spatial modelling and analysis, UAV.	yangf@xmu.edu.cn	
84	Ecology	Yonglong Lu	2	1.Impacts of pollution and climate change on coastal ecosystem; 2.Transportation and ecological effects of emerging pollutants in multiple environmental media; 3.Global environmental change and regional sustainable development.		1.Coupling Relationship and Regulation Mechanism between Urbanization and Regional Ecology, supported by National Key R & D Program (2017-2021); 2.Ecological Effects and Sustainable Management of Coastal Mining and Mineral Resource Applications, supported by NSFC-UNEP Cooperation Program (2018-2022); 3.Global Ecological Effects of Coastal Development (GECD), supported by International Partnership Program of the Chinese Academy of Sciences(2020-2025).	yllu@xmu.edu.cn	
85	Ecology	Yingjia Shen	1	Molecular ecology, Bioinformatics.		Using genomic tools to study the adaptive mechanisms.	shenyj@xmu.edu.cn	
86	Environmental Science and Engineering/Ecology	Dazhi Wang	2	Environmental microbiome, proteogenomics of marine phytoplankton.		1.Using whole genome sequencing and proteomic approach to study the evolution and ecology of marine phytoplankton; 2.Integrated metagenomics and metaproteomics to study the microbe-driven biogeochemical cycle.	dwang@xmu.edu.cn	
87	Ecology	Yihui Zhang	2	Wetland Ecology,Biological Invasion Ecology, Plant-animal Interactions.		Participate in and complete the supervisor's research projects; Apply for scientific research projects independently; Participate in the lab management.	zyh@xmu.edu.cn	
88	Ecology	Hailei Zheng	2	Plant physiological ecology.		To investigate the adaptive mechanism of mangrove plant to tidal environments.	zhenghl@xmu.edu.cn	
89	Control Science and Engineering	Wenxing Hong	1	Key Technologies on Data Intelligence.		Key Technologies on Data Intelligence 1.Focus on data intelligence, condense its key scientific issues in data center of aerospace, urban, and complete post-doctoral research tasks on time; 2.It is necessary to apply for the China Postdoctoral Science Fund or other scientific research projects, apply for scientific research projects with co-supervisors, and publish high-level papers; 3.Promote the grounding of research results with co-supervisors and explore innovative applications of the integration between industry and education.	hw@xmu.edu.cn	
90	Control Science and Engineering	Weiyou Lan	2	Nonlinear Systems and Control.		Focusing on design, analysis and optimization of nonlinear servomechanism systems, this project tries to investigate and establish the solutions for nonlinear output regulation problem with satisfied transient performance.	wylan@xmu.edu.cn	
91	Control Science and Engineering	Yunlong Liu	1	Deep Reinforcement Learning. Plan under Uncertainty.		Research related to Deep Reinforcement Learning and its applications.	ylliu@xmu.edu.cn	
92	Control Science and Engineering	Xiao Yu	2	Complex dynamic system, cooperative planning and control of multi-agent systems, optimization and decision, data-driven control, motion control of robotics, nonlinear control, system biology.	Applicants should have a doctoral degree related to the following research areas: system and control, robotics, AI, data science, bioinformatics.	The main research topics include Complex dynamic system, cooperative planning and control of multi-agent systems, optimization and decision, data-driven control, motion control of robotics, nonlinear control, system biology. Independent research is preferred, and collaborating with the group on project proposals is also required.	xiaoyu@xmu.edu.cn	
93	Instrument Science and Technology	Liangzong He	3	efficient power electronics, wireless power transfer, intelligent control.		The candidate should work in power electronics technology, electromagnetic field theory, artificial intelligence. Independently write research papers, assist in project application, patent application, etc.	hiz190213@163.com	
94	Instrument Science and Technology	Weibin Li	2	Ultrasonic Testing; Nonlinear Acoustics; Material Characterization.		Ultrasonic waves propagation in composite structure, Material characterization.	liweibin@xmu.edu.cn	

95	Instrument Science and Technology	Wei Zhou	5	Micro/nano manufacturing, High-efficiency hydrogen production and fuel cell technology, New energy and energy saving, Flexible sensors.		The candidate should work in the design and manufacturing and application of functional microstructures, can independently write research paper and help to carry out application of the project, patent, etc.	weizhou@xmu.edu.cn	
96	Archaeology	Zhang Wenjie	1	Music Archaeology.		the study of musical bells system in Zhou Dynasty. Assist the supervisor in the sound measurement work of chimes, and collaborated in writing sound measurement reports, based on which conducted musical archaeological research on chimes from Zhou to the Qin and Han dynasties.	zhangwenjie@xmu.edu.cn	
97	Archaeology	Zhang Wenjie	1	Study on Ritual system in Archaeology.		the study of musical bells system in Zhou Dynasty. Assist the supervisor in conducting research on archaeological ritual culture from Zhou to the Qin and Han dynasties, and co-author relevant books and textbooks to promote the direction of the discipline.	zhangwenjie@xmu.edu.cn	
98	Archaeology	Zhanyun Zhu	1	Cultural Heritage Science.	PhD in relevant majors such as Conservation Science, Materials, Chemistry, Life Science etc., published in important journals	Assist in research, discipline construction, and talent cultivation in the area of cultural heritage science.	zhanyun.zhu@xmu.edu.cn	
99	History of the World	Chen Boyi	1	Pacific History: Sino-Foreign Relations.		Studying Spanish, Portuguese, or Dutch primary sources and Histories of Sino-Foreign Relations.	bychen@xmu.edu.cn	
100	Philosophy	Cao Jianbo	1	Philosophy for children.		Philosophy for children.	jbcao@xmu.edu.cn	
101	Philosophy	Huang Yongfeng	3	Chinese culture.		Applicants are expected to engage in the following work: 1. Publish research articles in journals; 2. Collect, sort out and study Taoist classics in North America; 3. Carry out international academic exchanges.	xueyeweilu@163.com	
102	Philosophy	Lin Yuchuan	1	Marxist Philosophy, Political Philosophy, Chinese Marxist Philosophy.		Publishing research articles in journals.	lyuch@xmu.edu.cn	
103	Philosophy	Prof. Bo Wang	3	Philosophy and theory of psychology, cultural philosophy, Western Marxism.		Applicants are expected to work on philosophy and the dialogue between psychology and philosophy at the ontological, epistemological and ethical level.	bowang@nju.edu.cn	
104	philosophy	Wang Xiaoyang	1	The foundation of philosophy of mind.		Philosophy of Science; Philosophy of Mind.	wxy2018@xmu.edu.cn	
105	Philosophy	Zhang Huiyong	1	Ethics.		Publishing research articles in journals.	zhanghuiyong@xmu.edu.cn	
106	Philosophy	Zhu, Jing	1	Philosophy of Cognitive Science.			zhujing@xmu.edu.cn	
107	Chinese History	zheng zhenan	2	digital humanities, social cultural history.		database construction.	zhengzhenan@163.com	
108	Pedagogy	Dunrong Bie	2	1.Principles of higher education; 2.Higher education management; 3.University Strategy and planning; 4.University teaching and evaluation; 5.Research on the quality of Higher Education.		carry out research in relevant field.	yy241504@foxmail.com	
109	Pedagogy	Janpeng Guo	1	learnin and teaching; teacher professional development; flipped classroom and blended instruction; instructional design.		carry out research in relevant field.	guojp@xmu.edu.cn	
110	Pedagogy	Hongcai Wang	1	innovation & entrepreneurship education.		carry out research in relevant field.	gjswanghc@xmu.edu.cn	
111	Pedagogy	Daguang Wu	1	the history of University migration.		carry out research in relevant field.	wjd@xmu.edu.cn	
112	Pedagogy	Ruoling Zheng	1	College admission policy.		carry out research in relevant field.	rlzheng@xmu.edu.cn	
113	Mathematics	Yu JIN	1	Enumerative/Analytic/Probabilistic Combinatorics.	1. Complete the Ph.D study within 5 years. Have solid background in combinatorics, graph theory and probability methods in discrete mathematics; 2. Be capable of doing research independently and also have very good communication skills; 3. Be able to use mathematical software such as Maple, Matlab or Mathematica.	1. do research on topics in combinatorics; 2. organize workshops, seminars, conferences, etc; 3. complete the scientific tasks set up by the Xiamen University as a postdoc.	yjin@xmu.edu.cn	

114	Mathematics	Chunhui Qiu	1	Several Complex Variables and Complex Geometry.	Recent PhD in several complex variables and complex geometry.	The project is to research several complex variables and complex geometry.	chqiu@xmu.edu.cn
115	Mathematics	Jianxian Qiu	2	Numerical partial differential equations, Computational Fluid Dynamics.	Ph.D. degree in applied mathematics and/or computational science, or a related field.	The position is intended for an applied mathematician interested in high order numerical methods, such as discontinuous Galerkin methods, Weighted Essential Non-Oscillatory methods and their application. The minimum required education is a Ph.D., in applied mathematics and/or computational science, or a related field.	jqxqiu@xmu.edu.cn
116	Mathematics	Chuanju Xu	2	Numerical PDEs, CFD, phase field method.	Solid background on numerical PDEs and the Navier-Stokes equations.	The goal of this project is to consider several types of application problems under the gradient flow framework, study their mathematical properties, and design efficient and stable numerical methods, including: 1. analysis and calculation of gradient flow models for some phase field problems; 2. modeling and computation of gradient flows of multiphase complex fluid under variable density and high density ratio; 3. gradient flow modeling and numerical simulation of the phase change material design.	cjxu@xmu.edu.cn
117	Business Administration	Yasheng Chen	2	Neuro-management and application of artificial intelligence.	1. Basic learning experience in mathematical statistics; 2. Ability in programming and data processing; 3. Fluency in English (reading and written); 4. Preference will be given to outstanding candidates with research background in EEG analysis, machine learning and big data analysis.	Working in a cross-discipline team. Use neural science and machine learning technology to do frontier accounting research	yschen@xmu.edu.cn
118	Business Administration	Jin Cheng	1	organizational behavior and leadership.	1. Some exposure and experience in publishing papers in international journals, have proficiency in reading frontier literature in English and master the latest trends in leadership and organizational behavior; 2. Have a spirit of cooperation, experience-sharing, and a rigorous and serious scientific spirit.	Collaborate with supervisors to conduct research on current hot issues facing organizations in the post-epidemic era: e.g. flexible working, employee collaboration in the cloud, ethical behavior of employees, etc.	chengjin1025@xmu.edu.cn
119	Business Administration	Derong Lin	1	Tourism Management, Tourist Consumption Behavior Research.	1. Ph. D. degree and graduation certificate in relevant fields; 2. Publish 1 or 2 academic papers in international journals; 3. Host or participate in 1 or 2 longitudinal projects at provincial and ministerial level or above; 4. Fluency in English (oral and written).	1. Apply for NSFC projects in cooperation; 2. Engage in academic paper writing in the research direction of Supervisor; 3. Assist Supervisor in teaching graduate students.	drin65@xmu.edu.cn
120	Business Administration	Zhaowei Miao	1	logistics and supply chain management, channel selection and pricing, CSR in supply chain management.	1. Basic research experience in channel and product optimization; 2. Proficiency in applying research tools such as Mathematical Modeling, Optimization Theories and Methods, and Empirical Analysis.	Application of Mathematical Modeling, Optimizing Method and Empirical Analysis to solve the problems in the Supply Chain Area.	miaozhaowei@xmu.edu.cn
121	Management Science and Engineering	Boqiang Lin	3	Energy Economics and Energy Policy.	1. Ph. D. in relevant fields with strong academic background and if employed as postdoctoral research fellow, work in full time for our university (including foreigners); 2. Strong scientific research ability, innovation vitality and academic research potential; 3. High-quality academic achievements.	Energy economics and energy policy research.	bqlin@xmu.edu.cn
122	Management Science and Engineering	Zhaowei Miao	1	logistics and supply chain management, channel selection and pricing, CSR in supply chain management.	1. Basic research experience in supply chain management; 2. Proficiency in applying research tools such as Mathematical Modeling, Optimization Theories and Methods, and Empirical Analysis.	Application of Mathematical Modeling, Optimizing Method and Empirical Analysis to solve the problems in the Supply Chain Area.	miaozhaowei@xmu.edu.cn
123	Management Science and Engineering	Weifen Zhuang	1	Operations Management.	1. Ph. D. in Management Science and Engineering, Information System, Operations Research Optimization, Mathematics, Statistics, Computer Science and other related fields; 2. Ability to data analysis and mining, mathematical modeling and optimization; 3. Self-motivated and interested in doing research on big data analysis and decision optimization in the business and medical industries.	Data analytics and decision-making in healthcare, Pricing and Revenue Management in Airlines with customer behavior.	wfzhuang@xmu.edu.cn
124	Chemistry	PavloleksandrovychDral	1	Theoretical and quantum chemistry; artificial intelligence; machine learning.		Development of the machine-learning-enhanced quantum chemical methods.	dral@xmu.edu.cn
125	Chemistry	Yang Cao	2	Synthesis of two dimensional van der Waals heterostructure, and their application on optoelectronics, photocatalysis, (electro) catalysis, micro-nano devices etc. Also including electrochemistry, semiconductor microelectronics, molecular electronics and so on.		The synthesis of nanomaterials or heterostructures of two-dimensional materials, and their (photo/electric) catalytic properties; design and research of novel (opto) electronic devices and molecular electronic devices.	yangcao@xmu.edu.cn
126	Chemistry / Chemical Engineering and Technology	Kang Cheng	3	Physical chemistry / Heterogeneous Catalysis / Chemical engineering / Material Chemistry.		Heterogeneous catalytic conversion of light alkanes, syngas, and carbon dioxide.	kangcheng@xmu.edu.cn

127	Chemistry	Jun Cheng	2	Energy material calculation, including metal electrolyte electrochemical interface simulation/semiconductor electrolyte electrochemical interface simulation/lithium ion battery simulation/sodium ion battery nuclear magnetic calculation based on the combination of first principles and machine learning.	Solve the problem of electrochemical interface science in each battery system.	chengjun@xmu.edu.cn	
128	Chemistry	Jun Cheng	2	Data platform construction applied to the calculation of energy materials.	1.Develop the visual user interface of the data platform; 2. Workflow establishment of energy material calculation; 3. Establishment of energy material database.	chengjun@xmu.edu.cn	
129	Chemistry / Chemical Engineering and Technology	Prof. Quanfeng Dong	2	Electrochemical energy storage system and key energy storage materials .	1. Fundamental research on new energy storage systems and key energy storage materials; 2. Exploitation and industrialization of battery materials.	qfdong@xmu.edu.cn	
130	Chemistry / Chemical Engineering and Technology	Yu Hou	2	Bio-inspired science, bio-inspired nanofluidic/electronic, interfacial physical chemistry, bio-inspired porous, intelligent materials, membrane science and technology, microfluidic, etc.	Material interface science, liquid gating technology,	houy@xmu.edu.cn	http://xuhougroup.xmu.edu.cn/
131	Chemistry	Yun-Bao Jiang	2	Chiral induction, amplification and memory in chiral supramolecular assemblies /Application of supramolecular chirality in asymmetric catalysis and chirality sensing / Intramolecular hydrogen bonding-based long-range chirality transfer in peptides/Signal amplification in optical chemosensors for biologically important species.	The postdoctoral researcher will carry out independent research work in related field, as well as lab management including assisting the supervisor to help other graduate students in the lab.	ybjjiang@xmu.edu.cn	
132	Chemistry	Jian-Feng Li	4	Fuel cell, Lithium battery, Electrocatalysis, Biochemistry.	Scientific research	li@xmu.edu.cn	
133	Chemistry	Yao-Qun Li	1	Molecular Fluorescence.	Study on surface plasmon mediated fluorescence emission, imaging and biological applications.	yaoqunli@xmu.edu.cn	
134	Chemistry / Chemical Engineering and Technology	yanling song	3	Bioanalysis.	Ability to carry out projects independently	ylsong@xmu.edu.cn	
135	Chemistry	Sun Shigang	2	Electrocatalysis, fuel cell, energy storage battery, power cell, electronic electroplating (chip manufacturing, integration, packaging).	Electrocatalysis, fuel cell, energy storage battery, power cell, electronic electroplating (chip manufacturing, integration, packaging).	sgsun@xmu.edu.cn	
136	Chemistry	Zhongqun TIAN	4	Surface-enhanced Raman Spectroscopy, Spectro-electrochemistry, Nano-chemistry, plasmonics, molecule assembly.	IR nanospectroscopy and imaging in liquid environment.	zqtian@xmu.edu.cn	
137	Chemistry / Chemical Engineering and Technology	Yuanpeng Wang	2	Resource utilization of waste biomass; Microbial extracellular electron transfer and pollutant transformation.	Resource utilization of waste biomass; Microbial extracellular electron transfer and pollutant transformation.	wypp@xmu.edu.cn	
138	Chemistry	Ting-Bin WEN	1	Organometallic Chemistry.	To investigate transition-metal catalyzed/or mediated small molecule activation.	chwtb@xmu.edu.cn	
139	Chemistry	Du-Yin Wu	2	Surface plasmon-mediated photoelectrochemistry.	The project focuses on the topics to carry out surface plasmon photoelectrochemical research, design electrochemical interfaces of nanostructures, improve the ability of interface through photophysical and photochemical regulation, and explore the essence of its novel photophysical and photoelectrochemical phenomena under the condition of high time, space and energy resolution.	dywu@xmu.edu.cn	
140	Chemistry / Chemical Engineering and Technology	Chaoyang Yang	2	Bioanalytical chemistry, microfluidics, single cell analysis, biomedical engineering, instrument development.	You need to independently carry out relevant original scientific research work of the research group, actively assist the research group in applying for research projects and academic exchanges, assist the research group in management and guide graduate students.	cyyang@xmu.edu.cn	
141	Chemistry / Chemical Engineering and Technology	Yong Yang	2	1.Solid State Battery; 2. Battery for Smart Grid; 3.Solid State NMR.	1.Solid State Battery; 2. Modeling of Storage Battery for Smart Grid; 3. Rechargeable Li/Na metal batteries.	yyang@xmu.edu.cn	
142	Chemistry	Longwu Ye	7	Organic Methodology.	Alkyne Chemistry, Transition Metal Catalysis and Asymmetric Catalysis.	longwuye@xmu.edu.cn	
143	Chemistry / Chemical Engineering and Technology	Bouzhu Yuan	1	Heterogeneous Catalysis.	Alkylation of aromatics by CO2 and formic acid as carbon sources.	yz Yuan@xmu.edu.cn	
144	Chemistry	Nanfeng Zheng	5	Catalysis; energy storage; surface and interface chemistry; synthesis of nanomaterials; nanoclusters; polymers.	tackle key fundamental scientific questions.	nzheng@xmu.edu.cn	

145	Chemistry	Zhao-Hui Zhou	1	Nitrogenase catalyzes the reduction of dinitrogen to ammonia coupled to the hydrolysis of ATP, which is central to the process of biological nitrogen fixation. Recent our efforts are towards establishing the mechanism of activation of nitrogen around the metal center in FeMo/V-cofactors, which reflect a combination of structural, spectroscopic, synthetic, biochemical and theoretical approaches to this challenging problem pursued especially from the nitrogen fixation group of Xiamen University.		Research and innovation in modelling the catalytic process of nitrogen fixation, and explore the structural, spectroscopic, synthetic, biochemical and theoretical approaches to the project, and contribution to patent, standardization and paper.	zhzhou@xmu.edu.cn	
146	Chemistry / Chemical Engineering and Technology	Zhi Zhu	2	Biosensing, microfluidics, Liquid biopsy, In vitro diagnostics, point-of-care testing.		Development of single-cell analysis methods based on microfluidic technology; development of microfluidic-based liquid biopsy analysis methods. Development of new methods for screening biomimetic recognition molecules, combined with nanomaterials and microfluidics technology, to develop new methods and devices for portable point-of-care testing for personalized diagnosis.	zhuzhi@xmu.edu.cn	
147	Chemical Engineering and Technology	Wenjing Hong	3	Chemistry, Physics, Materials or Engineering.		The project is funded by Ministry of Science and Technology of the People's Republic of China, which is focus on single-molecule electronics and Raman spectrum catalysis. The post doc position will be part of the above project and work with Prof. Wenjing Hong to have further research in this field.	whong@xmu.edu.cn	
148	Chemistry / Chemical Engineering and Technology	Xu Hou	2	Bio-inspired science, bio-inspired nanofluidic iontronic, interfacial physical chemistry, bio-inspired pores, intelligent materials, membrane science and technology, microfluidic, etc.		Material interface science, liquid gating technology.	houxu@xmu.edu.cn	http://xuhougroup.xmu.edu.cn/
149	Chemical Engineering and Technology	Jiale Huang	1	Fine chemical engineering and its reactive hazards evaluation.		Reactive Hazards Evaluation of carbon dioxide conversion process.	cola@xmu.edu.cn	
150	Chemical Engineering and Technology	Jian-Feng Li	4	Fuel cell, Lithium battery, Electrocatalysis, Biochemistry.		Scientific research.	Li@xmu.edu.cn	
151	Chemical Engineering and Technology	Jun Li	6	Synthesis and applications of porous materials and fine chemicals. Supercritical CO2 technology.		Synthesis of polyionic liquids, their characterization, porous polymers by combination with supercritical fluids; synthesis of catalysts, their characterization, loading in polymers, and relevant reactions including CO2 conversions at high pressures. Synthesis of silica materials, fine chemicals including flavor and fragrance substances, lubricant, biofluid, etc.	junlyx@xmu.edu.cn	
152	Chemistry / Chemical Engineering and Technology	panling song	3	Bioanalysis.		Ability to carry out projects independently.	plsong@xmu.edu.cn	
153	Chemistry / Chemical Engineering and Technology	Yuanpeng Wang	2	Resource utilization of waste biomass; Microbial extracellular electron transfer and pollutant transformation.		Resource utilization of waste biomass; Microbial extracellular electron transfer and pollutant transformation.	eypp@xmu.edu.cn	
154	Chemistry / Chemical Engineering and Technology	Chaoyang Yang	2	Bioanalytical chemistry, microfluidics, single cell analysis, biomedical engineering, Instrument development.		You need to Independently carry out relevant original scientific research work of the research group, actively assist the research group in applying for research projects and academic exchanges, assist the research group in management and guide graduate students.	cyyang@xmu.edu.cn	
155	Chemistry / Chemical Engineering and Technology	Yong Yang	2	1.Solid State Battery; 2. Battery for Smart Grid; 3.Solid State NMR.		1.Solid State Battery; 2. Modeling of Storage Battery for Smart Grid; 3. Rechargeable Li/Na metal batteries.	yyang@xmu.edu.cn	
156	Chemical Engineering and Technology	Longwu Ye	7	Organic Methodology.		Alkyne Chemistry, Transition Metal Catalysis and Asymmetric Catalysis.	longwuye@xmu.edu.cn	
157	Chemistry / Chemical Engineering and Technology	Yi Zhao	2	Quantum molecular dynamics, electron transfer and rate of chemical reaction.		Interesting in theoretical and computational chemistry, and can use the theory and skills operation of relevant software to study.	yizhao@xmu.edu.cn	
158	Chemistry / Chemical Engineering and Technology	Zhi Zhu	2	Biosensing, microfluidics, Liquid biopsy, In vitro diagnostics, point-of-care testing.		Development of single-cell analysis methods based on microfluidic technology; development of microfluidic-based liquid biopsy analysis methods. Development of new methods for screening biomimetic recognition molecules, combined with nanomaterials and microfluidics technology, to develop new methods and devices for portable point-of-care testing for personalized diagnosis.	zhuzhi@xmu.edu.cn	
159	Journalism and Communication	Hongfeng Qiu	1	Health Communication, Risk communication, New media and Society.	At least have two papers published in high-level academic journals during PhD studies .	1.Participate in the supervisor's research projects; 2.Assist with supervising master students; 3.Write academic papers.	joyjohn2002@xmu.edu.cn	

160	Journalism and Communication	Lifeng Yan	1	New media and political communication, Film and TV studies, Overseas Chinese media.	1.Proficiency in reading English; 2.Demonstrated experience in research methods in humanities and social science.	1.Participate in the supervisor's research projects; 2. Assist with supervising master students; 3. Write academic papers.	flyiing@xmu.edu.cn
161	Journalism and Communication	Zhendong Zou	1	1.Professional communication such as political communication, historical communication, fashion communication, military communication, agricultural communication; 2.New media and media convergence, elections and public opinion warfare in the United States and Taiwan Province, international communication, etc.	1.Priority will be given to applicants who achieved their doctoral degree from domestic universities or internationally renowned universities in the world; 2.Published at least 2 academic papers in high-level academic journals as solo author or first author, or doctoral dissertation was awarded with "excellent"; 3.Proficiencies in listening, speaking, reading and writing both Chinese and English; 4.Applicants with proficient big data research skills do not have meet all above requirements.	1.Participate in projects of the research team, and publish academic papers; 2. Assist with supervising master students; 3.Fulfill other tasks required by the School of Journalism & Communication.	13906035566@139.com
162	Law	Liu Liantai	1	Property Law.	graduating student or previous graduate who have received his or her Ph.D from domestic or foreign universities or research institutions .	carry out a study on the systematization of condemnation law, and publish correlative papers.	liuliantai@163.com
163	Law	Yansheng ZHU	1	international tax law.	Having doctoral degree in law, having research results in international tax law, and fluency in English.	doing research cooperated with the supervisor, and teaching one or two international tax law courses in English.	yszhuamcy@xmu.edu.cn
164	Chemistry	Zhongxian Lv	1	Reproductive physiology.		To study the gene regulation on the development of sperm and eggs and embryo implantation and identify the molecular targets for the treatment of reproductive diseases.	zhongxian@xmu.edu.cn
165	Chemistry	Ren Changliang	2	Artificial Ion Channel.		Candidate will focus on the synthesis of novel artificial ion channels and study their ion transport mechanism and potential biological applications as anticancer and antimicrobial agents.	changliang.ren@xmu.edu.cn
166	Chemistry	Lili ZONG	2	Organic chemistry.		conduct scientific research, apply research funding, publish research paper with the supervisor.	Lili.Zong@xmu.edu.cn
167	Biology	Wen Liu	5	Epigenetics regulation of Cancer.		Epigenetics regulation of Cancer	w2liu@xmu.edu.cn
168	Chemistry	Qinxi Li	1	Cellular Biology; tumor metabolism.	1.Be really good at listening, speaking, reading and writing in English; 2.Can skillfully use various techniques in molecular and cellular biology to do research independently. 3.has at least one publication comparable to the level of Journal of Biological Chemistry.	1.Clarify the mechanisms by which IDH1/2 mutants promote tumorigenesis, particularly in metabolic reprogramming and identify the potential anti-tumor target; 2. Investigate how does proto-oncogene c-src regulate metabolism.	liqinxi@xmu.edu.cn
169	Clinical Medicine	Jiahui Han	2	Cell Death.	1. With strong professionalism and responsibility and keen on studies of signaling transduction and cellular stress. 2. With strong scientific research capabilities, proficiency in commonly used biochemistry and cell biology experimental techniques and ability to complete scientific projects independently. 3. Having received postdoctoral degree in immunology, cellular stress biology, biochemistry and relative majors 4. With a solid foundation of English and proficiency in reading professional English papers. Candidates with research papers published in international journals as main authors are preferred.	1. To complete the research work or the independent undertaking related to the cooperation tutor; 2. Assist the research team to carry out the project and laboratory management.	jhan@xmu.edu.cn
170	Biology	Yahui GAO	1	Phycology.	Preference of this position will be given to candidates who have obtained their Ph.D. within the last three years in diatomology, phycology or marine ecology. The candidates with expertise in marine diatom, phytoplankton and marine ecology, and have skills in diatom and/or phytoplankton species identification are encouraged.	Our researches focus on marine diatom, including taxonomy, species diversity, phylogeny, ecology and physiology of marine diatoms; phytoplankton diversity and its response to environmental changes.	gaoyb@xmu.edu.cn
171	Biology	Jiahui Han	4	Cell Death.	1. With strong professionalism and responsibility and keen on studies of signaling transduction and cellular stress. 2. With strong scientific research capabilities, proficiency in commonly used biochemistry and cell biology experimental techniques and ability to complete scientific projects independently. 3. Having received postdoctoral degree in immunology, cellular stress biology, biochemistry and relative majors 4. With a solid foundation of English and proficiency in reading professional English papers. Candidates with research papers published in international journals as main authors are preferred.	1. To complete the research work or the independent undertaking related to the cooperation tutor; 2. Assist the research team to carry out the project and laboratory management.	jhan@xmu.edu.cn

172	Biology	Junrong Liang	1	Molecular biology of marine algae.	Preference of this position will be given to candidates who have obtained their Ph.D. within the last three years in biology, molecular biology, or physiology. The candidates with expertise in marine diatom, phytoplankton and marine ecology, and have skills in molecular biology are encouraged.	As a special survival strategy to cope with adverse environment, diatoms resting cells show very important ecological significance for the survival of diatoms themselves, the red tide outbreak, carbon sink, and climate change regulation. But little is known about their strong resilience and related regulatory mechanism. In this project, the anti-stress characteristics and related regulatory mechanism of diatom resting cells in the formation stage and long-term survival process will be investigated in the marine diatoms <i>Thalassiosira pseudonana</i> using the methods of microscopic observation, physiological and biochemical detection, metabolomics, transcriptomics, and gene editing technology.	sunjr@xmu.edu.cn
173	Biology	Nengming Xiao	1	Immunology, cell biology, Genetics, Biochemistry.	PhD or PhD student going to graduate in immunology, cellular biology, or other related field. Research experiences in molecular and cellular immunology, Biochemistry and immunological animal models preferable. Highly self-motivated and strong scientific integrity with Team-work and cooperation spirit. A first-authored publication in international journals.	To explore the molecular mechanism of T cell differentiation. To identify novel coinhibitory molecules in T cell activation.	nengming@xmu.edu.cn
174	Biology/Chemistry	Fongyou Zhang	2	Enzymology, synthetic biology, bioinformatics, artificial intelligence.	1. Obtain a PhD degree in China or abroad for no more than 2 years, with a strong academic background; 2. Have a sense of innovation and teamwork spirit; 3. Have great interest and work enthusiasm in the direction of basic scientific research or industrialization; 4. Strong independent thinking, experimental design and practical ability; 5. Strong academic record with Published relevant high-level research papers.	Use synthetic biology and bioinformatics tools to develop genetic components and design genetic circuits. Combine computer-aided design and high-throughput screening to develop high-end biological materials and rapid detection reagents for clinical applications.	yongyouzhang@xmu.edu.cn
175	Biology	Bunchao Chen	1	1. Study on the ultrasound microbubbles in diagnosis and tumor therapy; 2. Application of AI in multimodal ultrasound images analysis.		1. The preparation of ultrasound microbubbles for molecular imaging and tumor interventional therapy; 2. Based on the multi-modality ultrasound image, using the AI analysis, to achieve the purpose of accurate diagnosis, rapid diagnosis and early diagnosis by ultrasound.	ycchen@xmu.edu.cn
176	Computer Science and Technology	Hang Liansheng	3	medical data analysis.		The successful applicant will work on medical data (especially image) analysis project.	lswang@xmu.edu.cn
177	Computer Science and Technology	Yu Rongshan	1	Bioinformatics and Medical A.I.		1. Performing data analytic on biomedical data ; 2. multi-omics single cell data processing; 3. Medical machine learning algorithm development.	rsyu@xmu.edu.cn
178	Information and Communication Engineering	Xuemin Hong	2	Wireless Communications and Navigation.		Develop advance algorithms for joint communication and navigation systems.	xuemin.hong@xmu.edu.cn
179	Information and Communication Engineering	Dr. Jianghong Shi	2	Integrated Sensing and Communications (ISAC) ; Semantic communication.		Positioning and sensing based on 5G/6G communication system.	shijh@xmu.edu.cn
180	Information and Communication Engineering	Dr. Haixin Sun	1	Underwater acoustic communication, communication network and array signal processing.		1. We provide competitive salary; 2. The research will focus on underwater acoustic communication, underwater high-speed communication, and underwater acoustic communication networks.	hxsun@xmu.edu.cn
181	Information and Communication Engineering	Liang Xiao	2	1. Network based on Machine Learning; 2. Wireless Security.		Research on network security.	lxiao@xmu.edu.cn
182	Physics	Hu Chen	1	Single Molecular Biophysics, Single Molecular Manipulation and Fluorescence, Protein Folding and Mechanol Sensing, Protein/DNA interaction.		Force plays an important role in cell adhesion proteins and cytoskeleton proteins. We are going to study force-dependent conformation changes and dynamics of these proteins (cadherin, catenin, filamin A, etc.) by single molecular manipulation and fluorescence techniques.	chenhu@xmu.edu.cn
183	Physics	Huayang Chen	4	Transformation Optics and metamaterials.		Experience in the following areas is desirable: 1. Metamaterials on microwave experiments; 2. Plasmonics, metamaterials and Transformation Optics; 3. Acoustic/Photonic Band-gap Materials; 4. EM wave/Elastic wave simulations.	kenyon@xmu.edu.cn
184	Physics	Taotao Fang	2	galaxy formation and evolution.		Analyzing multiwavelength observations, or numerical modeling of galaxy formation and evolution; writing research/grant proposals; mentoring graduate/undergraduate students.	fangt@xmu.edu.cn

185	Physics	Yu Gao	2	The physical connection between star formation and the dense gas.	This project is based on the collaboration between research groups located at Xiamen Univ./the Purple Mountain Observatory (PMO), the Bonn Univ./Center for Astronomy at the University of Heidelberg (ZAM) and the Max-Planck Institute for Astronomy (MPIA) in Heidelberg, which will characterize the physical conditions of the star-forming, molecular gas and their relation to the star formation process exploiting new, comprehensive data sets defining the state-of-the-art in the field. This program will address this key question via a two-pronged approach: (1) via utilizing two new (sub)millimeter mapping/imaging surveys of dense molecular gas tracers in a large sample of nearby galaxies: MALATANG (currently underway at the JMT single dish telescope and led by the Chinese group) and EMPIRE (observations finished and data are science ready) and (2) via a detailed, high-resolution case study of the physical conditions in the molecular gas on scales of individual molecular clouds in the inner part of the nearby star-forming spiral galaxy NGC5946. We will further jointly develop a series of next generation observing proposals directly building on the results from these studies. This will include the next level of high angular resolution imaging studies of the dense gas in nearby galaxies exploiting NOEMA and ALMA.	yugao@xmu.edu.cn
186	Physics	Yu Gao	3	The physical connection between star formation and the dense gas, radio astronomy.	Cold gas, as the raw material for star formation (SF), continuously collapses in the dense core of molecular cloud and eventually forms stars, and the associated SF feedback drives the formation and evolution of galaxies. Therefore, it is crucial to understand the nature of gas, the physical relationship between SF and galaxies, and SF feedback in detail. Our JMT large project offers the large-scale distribution of extremely high-density molecular gas in nearby galaxies, enabling studies of gas in different states and the connection between dense molecular gas and SF through the center of the galaxy to the large scale spiral disk. Combining high resolution radio continuum mapping and X-ray data further provides a fundamental new understanding of how molecular gas form stars at different physical scales and in different environments. It also provides a unique opportunity to examine the initial conditions and chemical properties of SF, SF and AGN feedback, molecular gas excitation conditions, and the relationship between SF and dense gas at different physical scales, and ultimately obtain a breakthrough in our understanding of frontier topics such as the physics of dense gas and SF law, multi-spectral line diagnosis, molecular excitation, and local SF efficiency across multiple physical scales.	yugao@xmu.edu.cn
187	Physics	Weimin Gu	2	Search for stellar-mass black holes, variations in AGNs, accretion disk theories, X-ray binaries, fast radio bursts, and gamma-ray bursts.	The search for stellar-mass black holes and other compact objects, and accretion theories and their application to observations, such as the multi-band variations in AGNs.	guwm@xmu.edu.cn
188	Physics	Dahai He	2	Non-equilibrium statistical physics, including but not limited to thermal conduction, thermalization and fluctuations in low-dimensional systems.	1. Lead or participate in the research project of the research group; 2. Actively apply for postdoctoral science foundation or the National Natural Science Foundation of China.	dhe@xmu.edu.cn
189	Physics	Ang Li	3	Neutron star; Nuclear astrophysics.	1. Engage in research on neutron stars and nuclear astrophysics; 2. Assist in the cultivation of master and doctoral students; 3. Publish scientific papers; 4. Write and apply for scientific research projects.	liang@xmu.edu.cn
190	Physics	Junfeng Wang	2	galaxy formation and evolution; star formation.	Analyze multiwavelength observations of diffuse ionized gas and molecular gas in nearby galaxies.	jfwang@xmu.edu.cn
191	Physics	Chen-Xu Wu	1	Correlation between structure and properties.	active matter/droplet dynamics.	cxwu@xmu.edu.cn