

## 浙江大学国际联合学院（海宁国际校区）

### 2019年基本办学信息

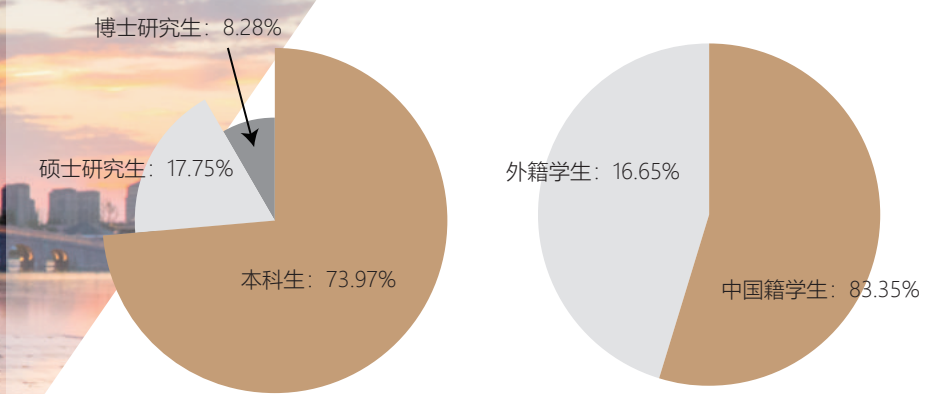
Facts & Figures 2019  
International Campus, Zhejiang University



## 一、教育教学

截至2019年9月10日，国际校区学位生共1087人。其中，本科生804人，硕士研究生193人，博士研究生90人。学位留学生数为181人，占总学生的比例为16.65%；其中研究生留学生数为149，占研究生的比例为52.65%。

附图1.在校大学生构成比例



附表1.在校本科生一览表

专业名称	在校大学生数					
	小计	大一	大二	大三	大四	
总计	804	288	238	226	52	
总计中：女	253	78	93	66	16	
总计中：留学生	32	4	7	21	0	
分专业	生物医学	219	73	58	66	22
	生物信息学	51	26	25	0	0
	机械工程	105	38	40	27	0
	电气工程及其自动化	123	46	30	34	13
	电子与计算机工程	179	68	42	52	17
	土木工程	111	37	43	31	0
哲学数学经济学	16	0	0	16	0	
分学院	ZJE	270	99	83	66	22
	ZJUI	518	189	155	144	30
	文理学院（筹）	16	0	0	16	0

附表2.在校研究生一览表

专业名称	在校大学生数				
	小计	一年级	二年级	三年级及以上	
总计	283	133	108	42	
总计中：女	150	75	58	17	
总计中：留学生	149	53	80	16	
博士研究生	90	33	31	26	
博士研究生中：女	40	15	15	10	
博士研究生中：留学生	6	3	3	0	
硕士研究生	193	100	77	16	
硕士研究生中：女	110	60	43	7	
硕士研究生中：留学生	143	50	77	16	
分学院、项目	ZJE	42	16	16	10
	ZJUI	48	17	15	16
	国际联合商学院 (含中国学项目)	155	100	49	6
	PIEGL	38	0	28	10

## 二、科学研究与科研技术转化

2019年申报国家自然科学基金项目33项，共有12项获得资助，其中面上项目7项、青年科学基金项目4项和外国青年学者研究基金项目1项。申报面上项目和青年科学基金项目的资助率（获得立项的项目数占申报项目数的比例）分别为53.8%和36.4%，远高于全国平均资助率（面上项目20.46%，青年科学基金项目20.54%）。申报浙江省自然科学基金项目11项，其中3项通过第一轮评审，最终评审结果暂未发布。截至9月16日，到账科研经费共计190.25万元。

浙江大学国际联合创新中心成立。校区分别与高分子科学与工程学系、光电科学与工程学院、信息与电子工程学院以及生命科学学院签署合作协议，共建浙江大学功能高分子国际研究中心、浙江大学先进光子学国际研究中心、浙江大学信息电子国际研究中心和浙江大学—爱丁堡大学工程生物学中心。上述实验室和科研平台将继续入驻国际联合创新中心。

产学研合作进展顺利，与浙江知识产权交易中心共建的国际中心成功举办海宁专场拍卖会1次，共有涉及电子信息、工业制造、节能环保、生命科学等领域的9项科技成果转化，成交9项，总成交

价1140万元；国际校区、浙江大学控股集团和鹏湖国际科技城签订合作框架协议，共建科技成果转化基金。2019年1月至今，国际校区共有9项专利申请进入受理阶段，其中7项为发明专利，2项为实用新型专利。横向科研项目2项，合同金额206万元，涉及航空航天、电力电子等领域。

附表3.科研项目汇总表

项目类别	项目名称	主持人	经费 (万元)	资助类别
国家自然科学基金项目	正交胶合竹木 (CLBT) 结构的研发	肖岩	60	面上项目
	功能型DNA纳米水凝胶在多模式载药和协同靶向输送中的应用	邵昉伟	66	面上项目
	弹道雪崩异质结中多物理过程和超快响应机理研究	陈文超	59	面上项目
	基于热扫描探针的纳机电系统制造方法关键技术研究	胡欢	59	面上项目
	细胞代谢重组过程中蛋白质组热稳定性分析	Mikael Bjorklund	58	面上项目
	非经典NOTCH1通路的耐药调控与靶向抑制	郭伟	51	面上项目
	JAK/STAT5通过超微增强子Bvht-miR145-Carmn非编码基因簇调节乳腺发育的机制研究	王超尘	60	面上项目
	大跨桥梁快速自动化贝叶斯运营模态分析	李宾宾	27	青年科学基金项目
	基于宽带格林函数理论的电大周期结构电磁散射分析及应用	谭述润	24.5	青年科学基金项目
	MINK1在病毒复制中的作用及其分子机制研究	张明旭	21	青年科学基金项目
	仿生软骨ECM分子油漆修复关节表面软骨缺损的研究	魏威	21	青年科学基金项目
Camera-based Tool Trajectory Analysis for Robot-Assisted Surgical Procedures	Yang Liangjing	30	外国青年学者研究基金项目	
浙江省自然科学基金项目	转座子SVA元件在人naive胎干细胞中的作用及调控机制探究	刘璐璐	立项中	探索项目Q
	基于广义矩估计的桥梁结构运营模态分析	周翠	立项中	探索项目Q
	面向网联自动驾驶的混行交通系统协同控制与优化	胡隽	立项中	探索项目Y

Table 3. Summary of Scientific Research Projects

Project Source	Project Name	Principal	Fund (RMB 000s)	Category
National Natural Science Foundation of China	Research and development on cross laminated bamboo and timber (CLBT)	Xiao Yan	600	General Program
	Develop functional DNA nanohydrogel as a multi-modulus drug loading and synergistic targeting deliver system	Shao Fangwei	660	General Program
	Study of Multiphysics Processes and Ultrafast Response Mechanisms in Ballistic Avalanche Heterojunction	Chen Wenchao	590	General Program
	Heated Scanning Probe-Based Nanofabrication Technology for Nano-Electro-Mechanical Systems	Hu Huan	590	General Program
	Analysis of proteome thermal stability during metabolic rewiring	Mikael Bjorklund	580	General Program
	Characterization and targeted inhibition of non-canonical NOTCH1 signaling in therapeutic resistance	Guo Wei	510	General Program
	The mechanism study of JAK/STAT5 regulating mammary gland development via super-enhancer driven non-coding gene cluster Bvht-miR145-Carmn	Wang Chaochen	600	General Program
	Fast and automated Bayesian operational modal analysis for long-span bridges	Li Binbin	270	Natural Science Foundation for the Youth
	Efficient Electromagnetic Scattering from Bounded Periodic Structures of Large Electrical Sizes Using the Broadband Green's Function Theory	Tan Shurun	245	Natural Science Foundation for the Youth
	Study on the role of MINK1 in virus replication	Zhang Mingxu	210	Natural Science Foundation for the Youth
Natural Science Foundation of Zhejiang Province	Study of Cartilage ECM-like Molecular Pains for Joint Surface Cartilage Repair	Wei Wei	210	Natural Science Foundation for the Youth
	Camera-based Tool Trajectory Analysis for Robot-Assisted Surgical Procedures	Yang Liangjing	300	Project for international young scientists
	The function and mechanism of SVA retrotransposon in human naive embryonic stem cells	Liu Wanlu	/	Project for young scholars
	Generalized method-of-moment estimation for operational modal analysis of bridges	Zhou Cui	/	Project for young scholars

## I. Education

As of 10 September 2019, a total of 1087 students have been admitted, including 804 undergraduates, 193 master's students, and 90 doctoral students. The number of the international students is 181 (16.65% of the total number), among whom 149 are master's students (52.65% of the number of master's students).

Chart 1. Composition of all students

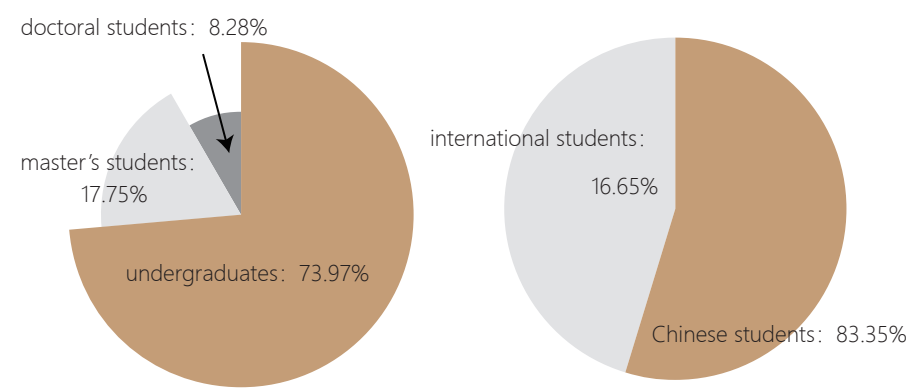


Table 1. Composition of Undergraduates

Classification	Students					
	Subtotal	Freshmen	Sophomores	Juniors	Seniors	
Total	804	288	238	226	52	
Female	253	78	93	66	16	
International Students	32	4	7	21	0	
Programs	Biomedical Sciences	219	73	58	66	22
	Biomedical Informatics	51	26	25	0	0
	Mechanical Engineering	105	38	40	27	0
	Electrical Engineering	123	46	30	34	13
	Computer Engineering	179	68	42	52	17
	Civil Engineering	111	37	43	31	0
Institutes	PME (Program of Philosophy, Mathematics and Economics)	16	0	0	16	0
	ZJE	270	99	83	66	22
	ZJUI	518	189	155	144	30
	College of Liberal Arts and Sciences (in progress)	16	0	0	16	0

Table 2. Composition of Masters and Doctoral Students

Classification	Students				
	Subtotal	Freshmen	Sophomores	Juniors	
Total	283	133	108	42	
Female	150	75	58	17	
International Students	149	53	80	16	
Doctoral Students	90	33	31	26	
Doctoral Students: Female	40	15	15	10	
Doctoral Students: from overseas	6	3	3	0	
Master's students	193	100	77	16	
Master's students: Female	110	60	43	7	
Master's students: from overseas	143	50	77	16	
Institutes/Programs	ZJE	42	16	16	10
	ZJUI	48	17	15	16
	ZIBS (Including China Studies)	155	100	49	6
	PIEGL	38	0	28	10

## II. Scientific Research and Technology Transfer

In 2019, 33 projects were submitted to the National Natural Science Foundation of China, from which 12 projects were funded in total, including seven general projects, four projects for young scholars, and one project for international young scientists. The funding rates (the proportion of approved projects for the number of submitted projects) of the general projects and projects for young scholars are 53.8% and 36.4% respectively. This is much higher than the national average funding rate (20.46% for the general projects and 20.54% for the projects for young scholars). 11 projects were submitted to the National Natural Science Foundation of Zhejiang Province, from which

three projects were approved in the first round. The final review results have not yet been released. As of 16 September, the amount of scientific research funds entered into the campus research account was 1.9025 million RMB in total.

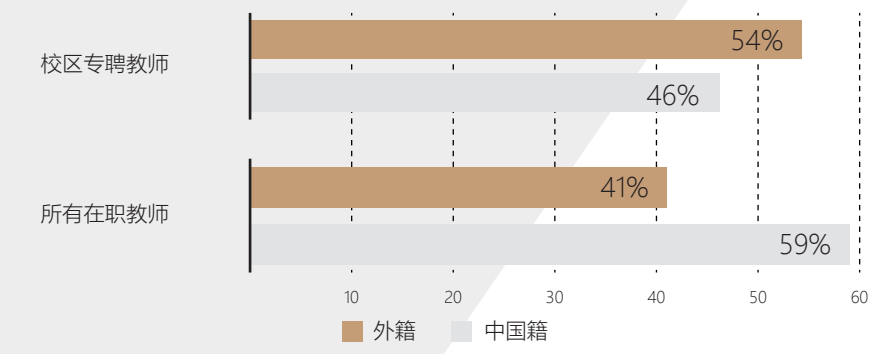
The International Joint Innovation Center was established. The International Campus signed agreements with the Department of Polymer Science and Engineering, the College of Optical Science and Engineering, the College of Information Science & Electronic Engineering, and the College of Life Science. The research centers they will establish cooperatively will be situated in the International Joint Innovation Center (in progress).

International university-industry-research cooperation has been progressing smoothly. The International Intellectual Property Exchange Center, founded as a joint effort of the International Campus and the Intellectual Property Exchange Center, held a successful auction in Haining. Nine subjective and technological program in the fields of electronic information, industrial manufacturing, energy saving and environmental protection and life sciences were auctioned to interested parties, with a total transaction price of RMB 11.4 million. The International Campus, Zhejiang University Holding Group and Juanhu Lake (International) Science & Technology Park have also signed a cooperation agreement to co-establish a Technology Transfer Fund. From January 2019 to the present, nine patent applications have entered the acceptance stage, including seven invention patents and two utility model patents. Two university-enterprise cooperation projects were signed, valued at 2.06 million RMB in total, the relevant research areas including aerospace and power electronics.

## 三、师资队伍

截至9月10日，校区教职工共计245人：其中外籍或有海外经历者117人占总人数的48%；专任教师共156人，其中外籍或有海外经历者86人占55%。在职教师128人：其中外籍52人占所有在职教师的41%；专任教师39人，占所有在职教师的30%，专任教师中外籍21人，占专任教师的54%。工作人员101人，其中外籍或有海外经历者41人，占总人数的41%，此外还有博士后16名，其中外籍6名。

附图2.校区在职教师中外籍比例



附表4.教师一览表

教师类别	合计	ZJE	ZJUI
合计 (其中外籍)	128 (52)	78 (24)	43 (23)
专任教师 (其中外籍)	39 (21)	14 (7)	19 (10)
浙大兼职教师 (其中外籍)	60 (2)	49 (2)	11 (0)
外方兼职教师	29	15	13

附表5.高层次人才一览

高层次人才	在校人数
院士	2
院士中：外籍	2
国家“千人计划”专家	4
国家“千人计划”专家中：外籍	3
国家“万人计划”领军人才	2
教育部长江学者特聘教授	1
教育部长江学者特聘教授中：外籍	1
国家杰出青年基金获得者	2
浙江省“千人计划”专家	1

## III. Faculty & Staff

As of 10 September, there are 245 faculty and staff members at the International Campus, among whom 117 are either from overseas or have experience of studying or working abroad, accounting for 48% of the total number. 156 are teaching and working full-time, with 86 of them (55%) either coming from foreign countries or having experience of studying or working abroad. There are 128 members in the faculty team, among whom 52 are from overseas (41%) and 39 are teaching full-time (30%). Among the full-time faculty, 21 are foreigners, occupying 54% of the total. 101 staff comprise the Campus's administrative supporting team and 41 of them (41%) are either foreigners or have experience of studying or working abroad. In addition, there are 16 postdoctoral fellows, with 6 coming from overseas.

Chart 2. The proportion of Chinese and foreign teachers on the International Campus

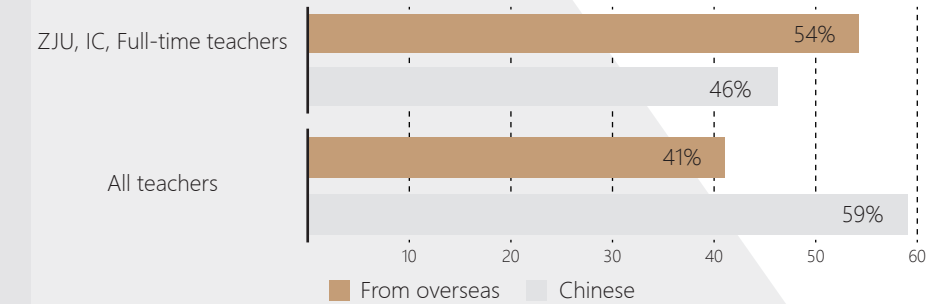


Table 4. Composition of Faculty

Category	Total	ZJE	ZJUI
Total (from overseas)	128 (52)	78 (24)	43 (23)
Full-time (from overseas)	39 (21)	14 (7)	19 (10)
ZJU Adjunct (from overseas)	60 (2)	49 (2)	11 (0)
Adjunct from Partner Universities	29	15	13

Table 5. Number of High-level Talents

Category	Number
Academician	2
Foreigners among Academician	2
Experts of National One Thousand Talent Program	4
Foreigners among Experts of National One Thousand Talent Program	3
Leading Expert of National Ten Thousand Program	2
Distinguished Professor of Chang Jiang Scholars Program	1
Foreigners among Distinguished Professor of Chang Jiang Scholars Program	1
Awardee of National Outstanding Youth Funds	2
Experts of Zhejiang Province One Thousand Talent Program	1