

**2021 IIP Summer Internship Host Mentors**

Program	Host PI	Affiliation	Personal web page	Email	Which project would you like to offer for the intern?
<b>BIODIV</b>	Jen-Pan Huang	Academia Sinica	<a href="https://sites.google.com/view/jenpanhuang">https://sites.google.com/view/jenpanhuang</a>	jphuang@sinica.edu.tw	1. Barcoding and meta-barcoding of local lichen communities. 2. Hercules beetle genome assembly.
	Ryuji Machida	Academia Sinica	<a href="http://www.biodiv.tw/en/people/faculty/dr-ryuji-machida">http://www.biodiv.tw/en/people/faculty/dr-ryuji-machida</a>	ryujimachida@gate.sinica.edu.tw	aquatic molecular ecology
	John Wang	Academia Sinica	<a href="http://www.biodiv.tw/en/people/faculty/dr-john-wang">http://www.biodiv.tw/en/people/faculty/dr-john-wang</a>	johnwang@gate.sinica.edu.tw	Identification of selfish genes in nematodes
	Chuan Ku	Academia Sinica	<a href="https://chuanku-lab.github.io/kulab/">https://chuanku-lab.github.io/kulab/</a>	chuanku@gate.sinica.edu.tw	Evolution, interactions and genomics of eukaryotic microbes (microalgae, giant viruses, protists)
	Yoko Nozawa	Academia Sinica	<a href="http://www.biodiv.tw/en/people/faculty/dr-yoko-nozawa#lab-pi">http://www.biodiv.tw/en/people/faculty/dr-yoko-nozawa#lab-pi</a>	nozaway@gate.sinica.edu.tw	Field ecology of coral community, including coral reproduction, coral recruitment, coral long-term monitoring, reef fish, and sea turtles
	Ko-Hsuan Chen	Academia Sinica	<a href="https://kohsuanchen.wixsite.com/fungi">https://kohsuanchen.wixsite.com/fungi</a>	kohsuanchen@gate.sinica.edu.tw	fungal community assemblies of early diverging plant lineages
	Sen-Lin Tang	Academia Sinica	<a href="http://sltang.biodiv.tw/">http://sltang.biodiv.tw/</a>	sltang@gate.sinica.edu.tw	Coral microbial community survey
	Chien-Hsiang Lin	Academia Sinica	<a href="https://otolithlin.biodiv.tw/">https://otolithlin.biodiv.tw/</a>	kurosaki@gate.sinica.edu.tw	Deep time marine fossils: What are the possible drivers shaping the diversity of marine organisms through geological time?
	Chung-Ping Lin	National Taiwan Normal University (NTNU)	<a href="http://web.ntnu.edu.tw/~treehopper/index.php?page=home&amp;lang=en">http://web.ntnu.edu.tw/~treehopper/index.php?page=home&amp;lang=en</a>	treehopper@ntnu.edu.tw	Fighting Behaviour of Stag Beetles; Behavioural Ecology of Damselflies
	Kuo-Fang Chung	Academia Sinica	<a href="http://biodiv.sinica.edu.tw/en/people/faculty/dr-kuo-fang-chung#lab-pi">http://biodiv.sinica.edu.tw/en/people/faculty/dr-kuo-fang-chung#lab-pi</a>	bochung@gate.sinica.edu.tw	Phylogenomics of plants
	Mao-Ning Tuanmu	Academia Sinica	<a href="http://www.biodiv.tw/en/people/faculty/dr-mao-ning-tuanmu">http://www.biodiv.tw/en/people/faculty/dr-mao-ning-tuanmu</a>	mntuanmu@gate.sinica.edu.tw	Effects of abiotic and biotic environments on the diversity and structure of bird communities in cities
	Allen Chen	Academia Sinica	<a href="http://www.biodiv.tw/index.php/en/people/faculty/dr-chaolun-allen-chen">http://www.biodiv.tw/index.php/en/people/faculty/dr-chaolun-allen-chen</a>	cac@gate.sinica.edu.tw	impact of climate change on corals, coral reef governance, resilience
	Sheng-Feng Shen	Academia Sinica	<a href="http://www.biodiv.tw/index.php/en/people/faculty/dr-sheng-feng-shen">http://www.biodiv.tw/index.php/en/people/faculty/dr-sheng-feng-shen</a>	shensf@sinica.edu.tw	Social evolution, climate change biology, biogeography

<b>BIOINFO</b>	Jung-Hsin Lin	Academia Sinica	<a href="http://www.rcas.sinica.edu.tw/faculty/jhlin.html">http://www.rcas.sinica.edu.tw/faculty/jhlin.html</a>	jhlin@gate.sinica.edu.tw	protein structure prediction based on distance and angle restraints
	Ming-Jing Hwang	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/ming-jing-hwang/">https://www.ibms.sinica.edu.tw/ming-jing-hwang/</a>	mjhwang@ibms.sinica.edu.tw	machine learning approaches to computational biology and medicine
	Pao-Yang Chen	Academia Sinica	<a href="https://paoyang.ipmb.sinica.edu.tw/">https://paoyang.ipmb.sinica.edu.tw/</a>	paoyang@gate.sinica.edu.tw	Developing bioinformatic strategies to analyse genomics data
	An-Chi Wei	National Taiwan University (NTU)	<a href="https://ntubmse.com/">https://ntubmse.com/</a>	acwei86@ntu.edu.tw	This mitochondria database project would require skills in data science, including organizing data, building database as well as text mining and machine learning.
	Lee-Wei Yang	National Tsing Hua University (NTHU)	<a href="https://dyn.life.nthu.edu.tw/">https://dyn.life.nthu.edu.tw/</a>	lwyang@life.nthu.edu.tw	Druggable DynOmics, a medicinal extension of DynOmics - <a href="http://dyn.life.nthu.edu.tw/oENM/">http://dyn.life.nthu.edu.tw/oENM/</a> or <a href="http://dynamics.pitt.edu/">http://dynamics.pitt.edu/</a>
	Eric Y Chuang	National Taiwan University (NTU)	<a href="https://www.ee.ntu.edu.tw/profile1.php?id=99">https://www.ee.ntu.edu.tw/profile1.php?id=99</a>	chuangey@ntu.edu.tw	1) Artificial intelligent courses for handling clinical data 2) Single cell rnaseq data analysis protocols
<b>CBMB</b>	Yane-Shih Wang	Academia Sinica	<a href="https://www.abc.sinica.edu.tw/people/investigators/principal-investigators/yane-shih-wang/">https://www.abc.sinica.edu.tw/people/investigators/principal-investigators/yane-shih-wang/</a>	yanshihwang@gate.sinica.edu.tw	Protein design with expanding genetic code approach and protein chemistry study in synthesizing branched ubiquitin and their functional studies.
	Wei Yuan Yang	Academia Sinica	<a href="https://www.abc.sinica.edu.tw/yang/">https://www.abc.sinica.edu.tw/yang/</a>	weiyang@gate.sinica.edu.tw	Optogenetics-based probing of organelle damage responses
	Shiang-Jong Tzeng	National Taiwan University (NTU)	<a href="https://www.mc.ntu.edu.tw/pharmacology/Vcard.action?q_type=A02&amp;q_itemCode=453">https://www.mc.ntu.edu.tw/pharmacology/Vcard.action?q_type=A02&amp;q_itemCode=453</a>	sjtzeng@ntu.edu.tw	(1) vaccine response with a focus on germinal center reaction (2) development of novel cancer immunotherapy
	Todd Lowary	Academia Sinica	<a href="https://www.abc.sinica.edu.tw/people/investigators/principal-investigators/todd-l-lowary/">https://www.abc.sinica.edu.tw/people/investigators/principal-investigators/todd-l-lowary/</a>	tlowary@gate.sinica.edu.tw	The project will focus on the synthesis of complex glycans, likely related to microbial disease
	Wan-Wan Lin	National Taiwan University (NTU)	<a href="https://www.mc.ntu.edu.tw/pharmacology/Vcard.action?q_type=1&amp;q_itemCode=405&amp;struts.token.name=token&amp;token=1FBR3IC400A9YHOF3GIZIOSGITWI">https://www.mc.ntu.edu.tw/pharmacology/Vcard.action?q_type=1&amp;q_itemCode=405&amp;struts.token.name=token&amp;token=1FBR3IC400A9YHOF3GIZIOSGITWI</a>	wwllaura1119@ntu.edu.tw	Inflammasome and cell death-mediated inflammation
	Hsiao-Ching Lin	Academia Sinica	<a href="https://sites.google.com/site/hsiaochinglab/">https://sites.google.com/site/hsiaochinglab/</a>	hsiaoching@gate.sinica.edu.tw	Natural Product Biosynthesis
	Jiun-Jie Shie	Academia Sinica	<a href="https://shiejji.wixsite.com/shie-group">https://shiejji.wixsite.com/shie-group</a>	shiejji@gate.sinica.edu.tw	fluorescent dyes or small molecules synthesis
	Danny Hsu	Academia Sinica	<a href="http://sites.google.com/site/hsushangte">http://sites.google.com/site/hsushangte</a>	sthsu@gate.sinica.edu.tw	Finding coronavirus host receptors
	Hans Chun-Hung Lin	Academia Sinica	<a href="http://idv.sinica.edu.tw/chunhung/">http://idv.sinica.edu.tw/chunhung/</a>	chunhung@gate.sinica.edu.tw	Research is related to drug discovery; gut infection, immunity and metabolites
	Takashi Angata	Academia Sinica	<a href="https://www.abc.sinica.edu.tw/people/investigators/principal-investigators/takashi-angata/">https://www.abc.sinica.edu.tw/people/investigators/principal-investigators/takashi-angata/</a>	angata@gate.sinica.edu.tw	Identification of glycans serving as the determinants of recognition by Siglecs

ESS	Shu-Chih Yang	National Central University (NCU)	<a href="https://sites.google.com/view/ncu-predictability/home">https://sites.google.com/view/ncu-predictability/home</a>	shuchih.yang@atm.ncu.edu.tw	Investigating the convective-scale heavy rainfall predictability through a high-resolution ensemble data assimilation system
	TSAN-YAO CHEN	National Tsing Hua University (NTHU)	<a href="https://tychencaeser.wixsite.com/mysite">https://tychencaeser.wixsite.com/mysite</a>	chencaeser@gmail.com	CO2 reduction on heterogeneous nanoreactor
	Kuo-Fang Huang	Academia Sinica	<a href="https://www.earth.sinica.edu.tw/member/info/23?lang=en">https://www.earth.sinica.edu.tw/member/info/23?lang=en</a>	kfhuang@earth.sinica.edu.tw	Probing the effects of climate change on ocean environments using elemental/isotope proxies in marine biogenic carbonates
	Jia-Jyun Dong	National Central University (NCU)	<a href="http://sr.geo.ncu.edu.tw:5755/en/">http://sr.geo.ncu.edu.tw:5755/en/</a>	jjdong@geo.ncu.edu.tw	Rock mechanics experiment operation
	Fuh-kwo Shiah	Academia Sinica	<a href="https://www.rcec.sinica.edu.tw/?action=member&amp;id=15">https://www.rcec.sinica.edu.tw/?action=member&amp;id=15</a>	fkshiah@rcec.sinica.edu.tw	Limnology and oceanography. Microbial ecology. Plankton dynamics and the biogeochemistry of carbon and nitrogen in aquatic ecosystems.
	Yu-heng Tseng	National Taiwan University (NTU)	<a href="http://coda.oc.ntu.edu.tw/coda/">http://coda.oc.ntu.edu.tw/coda/</a>	tsengyh@ntu.edu.tw	ENSO prediction/forecast and global ocean modelling
	Ludvig Löwemark	National Taiwan University (NTU)	<a href="http://homepage.ntu.edu.tw/~ludvig/People/page1.html">http://homepage.ntu.edu.tw/~ludvig/People/page1.html</a>	ludvig@ntu.edu.tw	X-ray fluorescence core scanning applications in paleoclimatology and forensic geoscience. Applying element ratios to solve problems in geoscience.
	Wen-Pin Hsieh	Academia Sinica	<a href="https://sites.google.com/site/whsieh2/">https://sites.google.com/site/whsieh2/</a>	wphsieh@earth.sinica.edu.tw	Thermal conductivity of Earth materials with implications for mantle and core dynamics
	Mao-Chang Liang	Academia Sinica	<a href="http://www.earth.sinica.edu.tw/member/info/19">http://www.earth.sinica.edu.tw/member/info/19</a>	mcl@gate.sinica.edu.tw	Bio-geo-chemical cycles of carbon, nitrogen, and/or oxygen.
	Wu-Cheng Chi	Academia Sinica	<a href="https://980198.wixsite.com/sinica-wu-cheng-chi">https://980198.wixsite.com/sinica-wu-cheng-chi</a>	wchi@sinica.edu.tw	seismology
	Haojia Ren	National Taiwan University (NTU)	<a href="https://www.abbyren.com/">https://www.abbyren.com/</a>	abbyren@ntu.edu.tw	Understanding the cycles of dissolved organic nitrogen in the ocean from nitrogen isotopes
	Kwan-Nang Pang	Academia Sinica	<a href="https://www.earth.sinica.edu.tw/member/info/24?lang=en">https://www.earth.sinica.edu.tw/member/info/24?lang=en</a>	knpan@earth.sinica.edu.tw	Using micro-XRF to characterize geo-materials
	Tung-Yuan Ho	Academia Sinica	<a href="https://www.rcec.sinica.edu.tw/index_en.php?action=member&amp;id=9">https://www.rcec.sinica.edu.tw/index_en.php?action=member&amp;id=9</a>	tyho@gate.sinica.edu.tw	marine trace metal biogeochemical cycling, the role of Fe on coral bleaching, the role of Ni in marine diazotroph's nitrogen fixation and hydrogen production,

INS	Sheng-hong Chen	Academia Sinica	<a href="https://celldynamicslab.mystrikingly.com">https://celldynamicslab.mystrikingly.com</a>	shengchen@gate.sinica.edu.tw	Develop a computational/mathematical model to investigate cellular robustness against drug perturbations
	Shen-Ju Chou	Academia Sinica	<a href="http://icob.sinica.edu.tw/lab.php?id=28">http://icob.sinica.edu.tw/lab.php?id=28</a>	schou@gate.sinica.edu.tw	The specificity of neurodegeneration: how neurodegenerative diseases affect specific neuronal types.
	Chi-Hon Lee	Academia Sinica	<a href="http://icob.sinica.edu.tw/lab.php?id=45">http://icob.sinica.edu.tw/lab.php?id=45</a>	leechih@gate.sinica.edu.tw	molecular mechanisms controlling neural circuit assembly
	Jin-Wu Tsai	National Yang Ming University (NYMU)	<a href="http://bml.ym.edu.tw/ibs/brain/TsaiLab/index.html">http://bml.ym.edu.tw/ibs/brain/TsaiLab/index.html</a>	tsaijw@ym.edu.tw	Investigation of cellular and molecular mechanisms for brain development and disorders
	Wan-Chen Lin	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/wan-chen-lin/">https://www.ibms.sinica.edu.tw/wan-chen-lin/</a>	wchlin@ibms.sinica.edu.tw	Develop new tools for site-specific probing of neurotransmission.
	Shu-Ling Chiu	Academia Sinica	<a href="http://icob.sinica.edu.tw/lab.php?id=49">http://icob.sinica.edu.tw/lab.php?id=49</a>	slchiu@gate.sinica.edu.tw	Glutamate receptor function in neurodevelopmental disorders (intellectual disability and/or autism spectrum disorder)
	Cheng-Ting Chien	Academia Sinica	<a href="http://www.imb.sinica.edu.tw/~ctchien/">http://www.imb.sinica.edu.tw/~ctchien/</a>	ctchien@gate.sinica.edu.tw	Dendrite development and cell biology study
	Ching-Lung Hsu	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/ching-lung-hsu/">https://www.ibms.sinica.edu.tw/ching-lung-hsu/</a>	hsuc@ibms.sinica.edu.tw	To study neural and cellular bases of goal-directed spatial navigation: 1. establish mouse behavioral paradigm with virtual reality; 2. dendritic patch-clamp recording; 3. establish pupil/behavioral tracking (based on deep neural network); 4. computational modeling (multi-compartmental models of single neurons)
MBAS	Lay-Sun Ma	Academia Sinica	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ma-lay-sun">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ma-lay-sun</a>	laysunma@gate.sinica.edu.tw	Fungal infection strategies in colonizing host
	Wen-Chin Yang	Academia Sinica	<a href="http://abrc.sinica.edu.tw/pi/?id=wcy">http://abrc.sinica.edu.tw/pi/?id=wcy</a>	wcyang@gate.sinica.edu.tw	We focus on the biology of the selected diseases (e.g., diabetes, cancer and infections). We are also developing the nutraceuticals, therapeutics and phytochemicals for the above diseases in humans and animals. We welcome self-motivated students to learn and develop their career with us.
	Wan-Hsing Cheng	Academia Sinica	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/cheng-wan-hsing">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/cheng-wan-hsing</a>	whcheng@gate.sinica.edu.tw	ABA, abiotic stress, and their interaction
	Chih-Hang Wu	Academia Sinica	<a href="https://ipmb.sinica.edu.tw/ch/people/ipmb_researchers/wu-chih-hang">https://ipmb.sinica.edu.tw/ch/people/ipmb_researchers/wu-chih-hang</a>	wuchh@gate.sinica.edu.tw	Forward genetic screen in <i>N. benthamiana</i> looking for mutants defective in plant innate immunity

MBAS	Chen-Hui Chen	Academia Sinica	<a href="https://sites.google.com/view/chenlab-website/home">https://sites.google.com/view/chenlab-website/home</a>	chcchen@gate.sinica.edu.tw	Apply in toto imaging approaches to dissect regeneration mechanisms.
	Paul Verslues	Academia Sinica	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/verslues-paul-e">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/verslues-paul-e</a>	paulv@gate.sinica.edu.tw	Physiology and molecular analysis of genes involved in plant drought resistance.
	Cheng-Hsun Ho	Academia Sinica	<a href="http://abrc.sinica.edu.tw/pi/?id=chho">http://abrc.sinica.edu.tw/pi/?id=chho</a>	zcybele3@sinica.edu.tw	Transport and Signaling: Biosensors
	Pei-Wen Hsiao	Academia Sinica	<a href="http://abrc.sinica.edu.tw/">http://abrc.sinica.edu.tw/</a>	pwhsiao@gate.sinica.edu.tw	The Hsiao lab has developed the cell culture and mouse models that recapture the metastatic progression of human prostate cancer. We targeted knock-in of reporters to therapeutic response genes in our metastatic cell line models as a surrogate phenotype to identify the bioactivity inducing the cancer immunogenic cell death from herbal medicines.
	Tien-Shin Yu	Academia Sinica	<a href="https://ipmb.sinica.edu.tw/ch/people/ipmb_researchers/yu-tien-shin">https://ipmb.sinica.edu.tw/ch/people/ipmb_researchers/yu-tien-shin</a>	tienshin@gate.sinica.edu.tw	Plant-fungal interaction through extracellular vesicles
	Ming-Hsiun Hsieh	Academia Sinica	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/hsieh-ming-hsiun">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/hsieh-ming-hsiun</a>	ming@gate.sinica.edu.tw	Use of CRISPR/Cas9 technology to improve nitrogen use efficiency in plants
	HUI-MING CHEN	Academia Sinica	<a href="http://abrc.sinica.edu.tw/pi/?id=hmchen">http://abrc.sinica.edu.tw/pi/?id=hmchen</a>	hmchen@gate.sinica.edu.tw	I will provide the learning environment, including the experimental skill, research discussion, how to do problem-solving and independent thinking. For education purposes, a small project will be designated for his participation/practice if he is also willing to do so.
MCB	Jun-Yi Leu	Academia Sinica	<a href="http://www.imb.sinica.edu.tw/~jleu/">http://www.imb.sinica.edu.tw/~jleu/</a>	jleu@imb.sinica.edu.tw	1) Genomic, transcriptomic and proteomic analyses of green algae, ciliates, and yeast, and 2) molecular mechanism of microorganism adaptation.
	Yi-Fang Tsay	Academia Sinica	<a href="http://www.imb.sinica.edu.tw/en/research/faculty/mbyftsay.html">http://www.imb.sinica.edu.tw/en/research/faculty/mbyftsay.html</a>	yftsay@gate.sinica.edu.tw	Our lab is interesting in elucidating the molecular mechanisms of nitrate transport and signaling in higher plants. Knowledge gained from our studies can lead to novel strategies of improving nitrogen utilization efficiency of crops, a key issue in sustainable agriculture.
	Jen-Hsuan Wei	Academia Sinica	<a href="http://www.imb.sinica.edu.tw/~jhwei/">http://www.imb.sinica.edu.tw/~jhwei/</a>	jhwei@gate.sinica.edu.tw	Microtubule Remodeling in Cell Division, Ciliogenesis and Brain Development
	Ting-Fang Wang	Academia Sinica	<a href="http://www.imb.sinica.edu.tw/ch/research/faculty/tfwang.html">http://www.imb.sinica.edu.tw/ch/research/faculty/tfwang.html</a>	tfwang@gate.sinica.edu.tw	Fungal Genetics and Genomics; Meiosis; Biocontrol

<b>MCB</b>	Chih-Yen King	Academia Sinica	<a href="http://www.imb.sinica.edu.tw">http://www.imb.sinica.edu.tw</a>	cking@imb.sinica.edu.tw	Amyloid diseases and prion biology
	Yi-Shing Shieh	National Defense Medical Center	<a href="https://www.ndmc.ndmctsg.edu.tw/DocDet/191/100004/556/309">https://www.ndmc.ndmctsg.edu.tw/DocDet/191/100004/556/309</a>	ndmcys@ndmctsg.edu.tw	Tumor microenvironment and signal transduction
	Chien-Ling Lin	Academia Sinica	<a href="http://www.imb.sinica.edu.tw/en/research/faculty/chienling.html">http://www.imb.sinica.edu.tw/en/research/faculty/chienling.html</a>	mbcllin@gate.sinica.edu.tw	Systematic Analysis of Human Disease-relevant Mutations on RNA stability and Translation Efficiency
<b>MM</b>	Dennis Hwang	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/dennis-hwang/">https://www.ibms.sinica.edu.tw/dennis-hwang/</a>	dwhwang@ibms.sinica.edu.tw	MRI, biophysical chemistry
	Wen-Ya Ko	National Yang Ming University (NYMU)	<a href="https://dls.ym.edu.tw/faculty/faculty-member/wenko.html">https://dls.ym.edu.tw/faculty/faculty-member/wenko.html</a>	wenko@ym.edu.tw	The trainees can participate my current project that focuses on identifying genetic variants that affect evolutionary fitness in human populations. He or she will be able to learn how to analyze population genomic data.
	Tang Tang	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/tang-tang/">https://www.ibms.sinica.edu.tw/tang-tang/</a>	tktang@ibms.sinica.edu.tw	My lab uses a combination of cellular, molecular, animal model, and hiPS-derived organoid approaches to understand how the cellular organelles (centrioles or cilia) are established and how mutations in centriolar genes cause primary microcephaly, ciliopathies, and tumors in humans.
	Shih-Lei (Ben) Lai	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/benlai/">https://www.ibms.sinica.edu.tw/benlai/</a>	ben.s.lai@ibms.sinica.edu.tw	investigating the roles of immune response in heart regeneration by CRISPR-mediated mutagenesis and/or AAV/nanoparticle-mediated manipulations.
	Ming-Han Tsai	National Yang Ming University (NYMU)	<a href="https://wisewind1005.wixsite.com/tsaimh-ebv">https://wisewind1005.wixsite.com/tsaimh-ebv</a>	m.tsai@ym.edu.tw	1. The construction of EBV mutants 2. The mechanisms how Epstein-Barr virus contributes to human malignancies
	Chi-Ying Huang	National Yang Ming University (NYMU)	<a href="https://b62.505.myftpupload.com/wp-content/uploads/2020/08/%e9%bb%83%e5%a5%87%e8%8b%b12020-08-25-CV.pdf">https://b62.505.myftpupload.com/wp-content/uploads/2020/08/%e9%bb%83%e5%a5%87%e8%8b%b12020-08-25-CV.pdf</a>	cyhuang5@ym.edu.tw	We have employed bioinformatics approaches to identify potential drugs for colon cancer. The interns will learn how to test these drugs in colon cancer cell lines.
	Wei-Yi Chen	National Yang Ming University (NYMU)	<a href="https://biochem.ym.edu.tw/files/15-1256-16043,c21-1.php">https://biochem.ym.edu.tw/files/15-1256-16043,c21-1.php</a>	chenwy@ym.edu.tw	Function and Genome-wide profiling of Histone Demethylases in B-cell Malignancies
	Yuh-Shan Jou	Academia Sinica	<a href="https://www.ibms.sinica.edu.tw/yuh-shan-jou/">https://www.ibms.sinica.edu.tw/yuh-shan-jou/</a>	jou@ibms.sinica.edu.tw	molecular mechanisms of PSpC1-driven cancer metastasis

MST	Jer-Lai Kuo	Academia Sinica	<a href="https://sites.google.com/site/jlkiams/">https://sites.google.com/site/jlkiams/</a>	jlkuo@pub.iams.sinica.edu.tw	computational material/molecular science
	Ya-Ping Hsieh	National Taiwan University (NTU)	<a href="http://mylabntu.weebly.com/">http://mylabntu.weebly.com/</a>	yphsieh@gate.sinica.edu.tw	fabrication of 2D semiconductors
	Ching-Wei Lin	Academia Sinica	<a href="https://sites.google.com/view/lincwgroup">https://sites.google.com/view/lincwgroup</a>	linc@sinica.edu.tw	Creating fluorescent quantum defects in carbon nanotubes for biomedical applications; Chiral nanoparticle preparation, spectroscopy, and cytotoxicity.
	Kaito Takahashi	Academia Sinica	<a href="https://labs.iams.sinica.edu.tw/project/kaito">https://labs.iams.sinica.edu.tw/project/kaito</a>	kt@gate.sinica.edu.tw	Perform theoretical calculation on reaction rates for reactions of importance in the atmosphere.
	Chien_Jung Lo	National Central University (NCU)	<a href="https://www.phy.ncu.edu.tw/wp/en/faculty/%e7%be%85%e5%81%a5%e6%a6%ae-lo-chien-jung">https://www.phy.ncu.edu.tw/wp/en/faculty/%e7%be%85%e5%81%a5%e6%a6%ae-lo-chien-jung</a>	cjlo@phy.ncu.edu.tw	Developing a 3D microorganism tracking microscopy
	Hsiang-Hua Jen	Academia Sinica	<a href="https://sites.google.com/view/hsianghuajen/home">https://sites.google.com/view/hsianghuajen/home</a>	sappyjen@gmail.com	Chiral quantum network and quantum engineering of subradiant states
	Ming-Shien Chang	Academia Sinica	<a href="https://www.iams.sinica.edu.tw/en/?link=member&amp;id=36">https://www.iams.sinica.edu.tw/en/?link=member&amp;id=36</a>	msc@gate.sinica.edu.tw	Assist in our ultracold atomic physics experiment or in a project related/subsidiary to the main experiment.
	Tsyu-Yan Yu	Academia Sinica	<a href="https://labs.iams.sinica.edu.tw/project/dharma/pages/news">https://labs.iams.sinica.edu.tw/project/dharma/pages/news</a>	tyyu@pub.iams.sinica.edu.tw	membrane protein research in near-native environment
	Michitoshi Hayashi	National Taiwan University (NTU)	<a href="http://www.ntu-ccms.ntu.edu.tw/en/members/michitoshi-hayashi-9">http://www.ntu-ccms.ntu.edu.tw/en/members/michitoshi-hayashi-9</a>	atmyh@ntu.edu.tw	First principle simulation of IR and Raman of periodic molecule-related systems
NANO	Keng-hui Lin	Academia Sinica	<a href="http://www.phys.sinica.edu.tw/~softlab">http://www.phys.sinica.edu.tw/~softlab</a>	kenghui@gmail.com	My lab engineered spherical microwells as 3D cell culture substrate and study how 3D microenvironment affect cellular behaviors such as its proliferation and differentiation. Interns would gain experience on microfabrication, advanced microscopy, cell biology, and image analysis.
	Mario Hofmann	National Taiwan University (NTU)	<a href="http://mylabntu.weebly.com">http://mylabntu.weebly.com</a>	mario@phys.ntu.edu.tw	Synthesis and Characterization of 2D nanomaterials and their integration into electronic and energy devices.
	Yu-Chieh Wen	Academia Sinica	<a href="https://www.phys.sinica.edu.tw/~optical/index_e.php">https://www.phys.sinica.edu.tw/~optical/index_e.php</a>	ycwen@phys.sinica.edu.tw	Ultrafast and nonlinear optical spectroscopic studies on novel quantum materials
	Jason Chia-seng Chang	Academia Sinica	<a href="https://www.phys.sinica.edu.tw/~nano/">https://www.phys.sinica.edu.tw/~nano/</a>	jasonc@phys.sinica.edu.tw	Exploration and detection of quantum phenomena in nano and low-dimensional materials



NANO	Kuei-Hsien Chen	Academia Sinica	<a href="https://labs.iams.sinica.edu.tw/project/chenkh">https://labs.iams.sinica.edu.tw/project/chenkh</a>	chenkh@pub.iams.sinica.edu.tw	thermoelectric, lithium ion battery
	Ing-Shouh Hwang	Academia Sinica	<a href="https://www.phys.sinica.edu.tw/directory_en.php?directory=11&amp;id_key=12">https://www.phys.sinica.edu.tw/directory_en.php?directory=11&amp;id_key=12</a>	ishwang@phys.sinica.edu.tw	Atomic force microscopy of nanostructures on surfaces
	Chao-Cheng Kaun	Academia Sinica	<a href="http://www.rcas.sinica.edu.tw/faculty/kauncc.html">http://www.rcas.sinica.edu.tw/faculty/kauncc.html</a>	kauncc@gate.sinica.edu.tw	Computational modeling of electronic transport in nanostructures
	Hsin Lin	Academia Sinica	<a href="https://sites.google.com/site/nilnish/">https://sites.google.com/site/nilnish/</a>	nilnish@gate.sinica.edu.tw	Predicting, Modeling, and Engineering Topological Insulators and 2D Materials for Spintronics and Optoelectronics Application
	Peilin Chen	Academia Sinica	<a href="http://www.rcas.sinica.edu.tw/faculty/peilin.html">http://www.rcas.sinica.edu.tw/faculty/peilin.html</a>	peilin@gate.sinica.edu.tw	Development of novel imaging platform
	Li-Chyong Chen	National Taiwan University (NTU)	<a href="http://www.ntu-ccms.ntu.edu.tw">http://www.ntu-ccms.ntu.edu.tw</a>	Chenlc@ntu.edu.tw	2D nanomaterials: growth, optoelectronics and energy applications
SCST	Chung Sun	National Chiao Tung University (NCTU)	<a href="https://www.nctu.edu.tw/academics">https://www.nctu.edu.tw/academics</a>	chungmingsun@yahoo.com	Organic synthesis
	Chia-Chih Chang	National Chiao Tung University (NCTU)	<a href="https://scholar.google.com/citations?hl=en&amp;user=yL_wsqcAAAAJ&amp;view_op=list_works&amp;authuser=1&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=yL_wsqcAAAAJ&amp;view_op=list_works&amp;authuser=1&amp;sortby=pubdate</a>	cchang113ac@nctu.edu.tw	Polymer Mechanochemistry
	Mitch Ming-Hsi Chiang	Academia Sinica	<a href="https://www.chem.sinica.edu.tw/faculty/index.php?piName=mhchiang">https://www.chem.sinica.edu.tw/faculty/index.php?piName=mhchiang</a>	chiangmh@gate.sinica.edu.tw	catalyst/electrode material design for energy conversion and storage
	Tiow-Gan Ong	Academia Sinica	<a href="https://www.chem.sinica.edu.tw/faculty/index.php?piName=tgong">https://www.chem.sinica.edu.tw/faculty/index.php?piName=tgong</a>	tgong@gate.sinica.edu.tw	Organometallic, catalysis, chemistry
	Yu-Ju Chen	Academia Sinica	<a href="https://www.chem.sinica.edu.tw/faculty/index.php?piName=yjchen&amp;lang=en">https://www.chem.sinica.edu.tw/faculty/index.php?piName=yjchen&amp;lang=en</a>	yujuchen@gate.sinica.edu.tw	Proteomics and Mass Spectrometry
	Hsiung-Lin Tu	Academia Sinica	<a href="https://scellse.weebly.com/">https://scellse.weebly.com/</a>	hltu@gate.sinica.edu.tw	Droplet synthesis of soft matter and cell-mimicking materials
	Hung-Ju Yen	Academia Sinica	<a href="http://hjyen.weebly.com">http://hjyen.weebly.com</a>	hjyen@gate.sinica.edu.tw	Nanographene synthesis; Fabrication of energy storage devices
	Chao-Ping Hsu	Academia Sinica	<a href="https://www.chem.sinica.edu.tw/faculty/index.php?piName=cherri">https://www.chem.sinica.edu.tw/faculty/index.php?piName=cherri</a>	cherri@sinica.edu.tw	combining machine learning with optoelectronic properties prediction
	Ying-Chih Liao	National Taiwan University (NTU)	<a href="http://www.che.ntu.edu.tw/che/?p=472">http://www.che.ntu.edu.tw/che/?p=472</a>	liaoy@ntu.edu.tw	3D printed pressure sensor/ printed electronics



<b>SNHCC</b>	Tsai-Yen Li	Chengchi University (NCCU)	<a href="http://www3.nccu.edu.tw/~li">http://www3.nccu.edu.tw/~li</a>	li@nccu.edu.tw	Topics in AI, UAV, VR, and Computer Animation.
	Meng Chang Chen	Academia Sinica	<a href="https://www.iis.sinica.edu.tw/pages/mcc/index_en.html">https://www.iis.sinica.edu.tw/pages/mcc/index_en.html</a>	mcc@iis.sinica.edu.tw	Applying deep learning methods for PM2.5 prediction
	Tzu-Chieh Tsai	Chengchi University (NCCU)	<a href="http://www.cs.nccu.edu.tw/~ttsai">http://www.cs.nccu.edu.tw/~ttsai</a>	ttsai@cs.nccu.edu.tw	5G MEC IoT data management and computing platform/smart shopping area for innovative services and/or VR/AR/XR with IoT applications; prototype implementation or solution design
	Cheng-Hsin Hsu	National Tsing Hua University (NTHU)	<a href="https://nmsl.cs.nthu.edu.tw">https://nmsl.cs.nthu.edu.tw</a>	chsu@cs.nthu.edu.tw	Immersive video communications with next-generation 3D representations, such as point clouds and light-field video clips.