**TEEP Online Internship**

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| Grade requirements | Master students or Ph.D. students | Professional subjects requirements | Having research experiences in organic and inorganic fields |
| Research theme I | Design photo-redox metal complexes and their possible applications in biomedical applications | | |
| Brief description of research direction:  Li (Henry Li) group is aim to develop new types of photo-redox NHC-based metal complexes which can possibly utilized as the therapeutic agents in hypoxia tumors. Our designs can open new possibilities in Cancer treatments. To obtain more details, please contact Henry (email: [chli@kmu.edu.tw](mailto:chli@kmu.edu.tw)). | | | |
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| Research theme II | Design new NHC-Metal-amide complexes and evaluate their photophysical property | | |
| Brief description of research direction:  Li (Henry Li) group has developed new types NHC-metal amide complexes and resulting complexes have unique mechanochromism properties. To further understand the mechanism and answer the fundamental questions. We aim to develop several new type complexes and evaluate their photophysical property. To obtain more details, please contact Henry (email: [chli@kmu.edu.tw](mailto:chli@kmu.edu.tw)). | | | |