Name：

Yang Chih-Hsiung

Education：

- Doctor of Philosophy, Institute of Oral Biology, National Yang-Ming University
- Master of Science, Institute of Biomedical Engineering and Material Science, Central Taiwan University of Science and Technology
- Bachelor of Science, Department of Dental Laboratory Technology, Central Taiwan University of Science and Technology

Career Experience：

- Associate Professor, Department of Dental Technology and Materials Science, Central Taiwan University of Science and Technology
- Assistant Professor, Department of Dental Technology and Materials Science, Central Taiwan University of Science and Technology
- Assistant Professor, Department of Dental Technology, Shu-Zen Junior College of Medicine and Management
- Lecturer, Department of Dental Technology, Shu-Zen Junior College of Medicine and Management

Courses Taught：

- Introduction and Ethics of Dental Technology
- Fixed Prosthodontics Technology
- Laboratory of Complete Denture Technology

Professional Fields：

- Dental Morphology
- Fixed Prosthodontics
- Dental Materials Science

Research Interests：

- Application of Electrochemical Technology
- Surface Modification Technology
- Biocompatibility Analysis

Representative Publication in 5 Years：

Journal Articles：

Chih-Hsiung Yang, Min-Tsan Ou, Ting-Yi Chiang, Hsueh-Chuan Hsu. 2024. Accuracy of dental implant position using 3D printing surgical guide with different types of sleeves. Dental Technology Magazine 29.

Chih-Hsiung Yang, Chia-Chuan Liao, Ting-Yi Chiang, Hsueh-Chuan Hsu. 2023. Evaluation of the Porcelain Bond Strength of Co-Cr Alloy Made by Selective Laser Melting after Different Surface Treatments. Dental Technology Magazine 28.

Chiang-Sang Chena, Jean-Heng Chang, Viritpon Srimaneepong, Jia-Yi Wen, Oi-Hong Tung, Chih-Hsiung Yang, Hui-Ching Lin, Tszu-Hsin Lee, Yong Han, Her-Hsiung Huang. 2020. Improving the in vitro cell differentiation and in vivo osseointegration of titanium dental implant

through oxygen plasma immersion ion implantation treatment. Surface and Coating Technology 399 (SCI).

Conference Papers：

Shih-Hong Yang, Chih-Hsiung Yang. 2019. Investigation of Build Direction on the Mechanical Properties of Three Dimensional Printing Material. Japanese Society for Dental Materials and Devices 73

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