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敬啓者

我是祁力行醫師大學時代的口腔病理老師，也曾指導過法醫學。他受到父親的影響，考取醫學院後，對大學時代的三門課程「大體解剖、電腦概論、法醫學概論」，有著深刻的印象。自見習時期起，對口腔顎面外科深感興趣，以成為「真正的醫師」為己任。歷經實習、二年期的一般住院醫師訓練後，進入口外專科訓練長達四年，堅韌卓絕，親力親為，不辭勞苦，全年無休天天準時查房，守護患者，遵從主治醫師教導。即使感冒生病，在病房接受點滴注射後，第二天依舊打起精神執行口腔癌手術。在 2003 年臺灣疫情大起之時，家有高堂，仍堅守崗位，在危機中協助口腔顎面外科安然渡過難關。

於 2009 年，他配合臺北醫學大學政策，奉派至非洲醫療團長駐近三年。見識到風土民情絕然不同的國家，更體認到純真的醫病關係。因為病情須要，藉由遠距醫學工具，克服時差與網路頻寬的限制，與北醫病理科共同研判病情，以選擇適合患者的治療計劃。2012 返臺後，重新回到學校，因為他想尋找一個答案。二年的醫學資訊學碩士班，學習到良好的數位工具，接著逕讀轉譯醫學博士班，在北醫與中研院老師的指導與激勵之下，也在 2021 COVID-19 疫情之下，完成了九年的研究所學業。至於那個尋找中的答案，也逐漸成形。在他口腔顎面外科的執業生涯中，一直與病理學科互動良好，保持緊密的關係，並與口腔顎面外科與口腔病理科的老師們，每週六固定在線上相會，一同帶領住院醫師與醫學生們，討論當週的病理切片與患者的臨床病情。

就讀博士班時，他憶起 25 年前的法醫魂，主動旁聽大學部法醫學的課程，也練習解讀重大刑案的判決書，其中的司法相驗報告，讓他對專家證人的重要角色非常神往。適時也遭逢父親中風臥床的變故，讓他體會到醫學照顧與身體疾病的極限，轉而重視心靈成長，及其對身體健康的影響，中醫對這部分有許多獨到的見解。

於臨床的體悟中，他發現醫學需要謙虛，在科學研究的生涯中，更肯定了全人照護對身心靈與社會關係的全方面影響。他漸漸知道，僅研究分子化學與身體的結構，仍不足以完全解釋疾病（特別是癌症）的發生。2021 年起近一年的口腔顎面外科主任歷練中，他知道醫學教育身教的重要，屢屢發現人性的弱點，並提醒學生醫療處置必須注意的重點。面對生與死的議題，他參加「預立醫療意願」的諮商醫師訓練，靈性關懷師的訓練更讓他能發揮全人照顧的心法。

接下來，憑藉著對法醫學的熱誠，以醫師科學家的根底，他要接受挑戰，圓一個法醫師的夢，通過國家法醫師的考試，承訓父親的正直，稟持科學的精神，追求真相，讓逝者安心，讓他們親愛的家人放心，跨過死亡的界線，完整了由生到死的靈性平安。他感謝親愛的母親與妻子，全力支持，得以投身法醫師的行列，成為「醫師中的醫師」，一向教他要正直的父親，相信在天上一定也是非常讚許的。

綜合上述，茲推薦祁力行醫師，符合法醫科學家的資格，以他的勇氣和決心，投身法醫學研究的行列，寄望能於法醫研究所老師們的指導之下，任職助理教授，並進修法醫學程及法醫實習，未來能通過法醫師專技高考，符合社會期許，在未來的日子，回到他的初衷，繼續著服務人群的使命。

以上

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February 23, 2022

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Director (April 2021 - present)

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Wan Fang Hospital, Taipei Medical University

Attending physician (Jan. 2002 - present)

Division of Oral and Maxillofacial Surgery, Department of Dentistry,
Taipei Medical University Hospital
Taipei, Taiwan



Research interests

Biostatistics with R/Python/C++ for survival analyses and deep learning, biomedical informatics; cancer research in vitro and in vivo; mindfulness meditation, laser acupuncture; forensic medicine.

Education

Taipei Medical University and Academia Sinica Taipei, Taiwan
The Ph.D. Program for Translational Medicine Feb. 2013 – Jan. 2022
Mentors: Professors Yu-Chuan (Jack) Li, Michael Hsiao, Alexander T.H Wu.

Taipei Medical University Taipei, Taiwan
MS in Biomedical Informatics Sep. 2011 – Jan. 2013
Mentor: Professor Yu-Chuan (Jack) Li.

Taipei Medical University Taipei, Taiwan
BS in Dentistry Sep. 1988 – Jun. 1994

Honors and award

Best Paper Presentation Award - 3rd Prize, at Translational Medicine Program Retreat (Academia Sinica, Taiwan) 2017

Presentation

A Transcriptomic Analysis of Head and Neck Squamous Cell Carcinomas for Prognostic Indications Sep. 10, 2021

The 8th Annual Academic Achievements Presentation of Translation Medicine Degree Program

Global Proteomics-based Identification and Validation of Thymosin Beta-4 X-Linked as a Prognostic Marker for Head and Neck Squamous Cell Carcinoma Sep. 6, 2017

The 4th Translational Medicine Program Retreat, Taipei, Taiwan.

Silencing JARID1B Suppresses Oncogenicity, Stemness and Increases Radiation Sensitivity in Head and Neck Squamous Cell Carcinoma Sep. 4, 2015

The 2nd Annual Retreat of the Translational Medicine Degree Program, Kaohsiung, Taiwan.

Glucose Transporter 4, encoded by gene SLC2A4, as a Prognostic Marker for Head and Neck Squamous Cell Carcinoma Sep. 19, 2014
The 1st Annual Retreat of the Translational Medicine Degree Program, Taipei, Taiwan.

A Summary of International Partnership for Health Informatics Education 2012
IPHIE2012 Master class training of Health Informatics, University Of Minnesota, Twin Cities, MN, U.S.A.

Recurrent Ameloblastic Carcinoma ex Ameloblastoma of Maxilla - A case report June 2005
ICOMS – 17th International Conference on Oral and Maxillofacial Surgery, Vienna, Austria.

Skills

Programming

Proficient in: R, Python/PyTorch.
Familiar with: Matlab, SAS, C++.

Languages

Chinese, English (fluent)

Service and outreach by TMU

Royal Health Mission in the Kingdom of Eswatini, southern Africa Sep. 2014 – Sep. 2019
attending physician working at the Manzana Clinic.

Missão Médica de Taiwan em São Tomé e Príncipe, west Africa Nov. 2010 – Jan. 2012
attending physician working at hospital central em São Tomé e Príncipe.

Taiwan Medical Mission in the Kingdom of Swaziland, southern Africa
May 2009 – Nov. 2010
attending physician working at the Mbabane Government Hospital.

Professional memberships

Taiwanese Association of Oral and Maxillofacial Surgeons (TAOMS)
Jan. 2002 – Present
Taiwan Society of Forensic Medicine (TSFM) 2022-
Taiwan Society for Integration of Chinese and Western Medicine (CWM) 2019-

Chinese Medical Association of Acupuncture (CMAA, Taiwan)	2019-
Taiwan Biophysics Society	2014-

References

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Publications

- [1] L.-H. Chi, "Global Transcriptomics and Proteomics Analyses for Biomarker Identification and Validation in Head and Neck Squamous Cell Carcinoma," English, Ph.D. dissertation, Taipei Medical University, Taipei, 2022, p. 252. [Online]. Available: <https://hdl.handle.net/11296/gp643b>.
- [2] L.-H. Chi, A. T. Wu, M. Hsiao, and Y.-C. C. J. Li, "A Transcriptomic Analysis of Head and Neck Squamous Cell Carcinomas for Prognostic Indications," *Journal of Personalized Medicine*, vol. 11, no. 8, p. 782, Aug. 2021, ISSN: 2075-4426. DOI: [10.3390/jpm11080782](https://doi.org/10.3390/jpm11080782). [Online]. Available: <https://www.mdpi.com/2075-4426/11/8/782>.
- [3] L.-H. Chi, A. T. H. Wu, M. Hsiao, and Y.-C. J. Li, "A Global Genome-Wide Scan with Optimal Cutoff Mining for Emerging Biomarkers in Head and Neck Squamous Cell Carcinoma," *Research Square [Preprint Server]*, 2020, ISSN: 2693-5015. DOI: [10.21203/rs.3.rs-80673/v1](https://doi.org/10.21203/rs.3.rs-80673/v1). [Online]. Available: <https://doi.org/10.21203/rs.3.rs-80673/v1>.
- [4] Y.-C. Chang, L.-H. Chi, W.-M. Chang, C.-Y. Su, Y.-F. Lin, C.-L. Chen, M.-H. Chen, P. M.-H. Chang, A. T. H. Wu, and M. Hsiao, "Glucose transporter 4 promotes head and neck squamous cell carcinoma metastasis through the TRIM24-DDX58 axis," eng, *Journal of Hematology & Oncology*, vol. 10, no. 1, p. 11, Dec. 2017, ISSN: 1756-8722. DOI: [10.1186/s13045-016-0372-0](https://doi.org/10.1186/s13045-016-0372-0). [Online]. Available: <http://jhoonline.biomedcentral.com/articles/10.1186/s13045-016-0372-0>.
- [5] L.-H. Chi, W.-M. Chang, Y.-C. Chang, Y.-C. Chan, C.-C. Tai, K.-W. Leung, C.-L. Chen, A. T. Wu, T.-C. Lai, Y.-C. Li, and M. Hsiao, "Global Proteomics-based Identification and Validation of Thymosin Beta-4 X-Linked as a Prognostic Marker for Head and Neck Squamous Cell Carcinoma," *Scientific Reports*, vol. 7, no. 1, p. 9031, Dec. 2017, ISSN: 2045-2322. DOI: [10.1038/s41598-017-09539-w](https://doi.org/10.1038/s41598-017-09539-w). [Online]. Available: <http://www.nature.com/articles/s41598-017-09539-w>
<http://rdcu.be/vb1R>.
- [6] Y.-C. Chan, C.-W. Chen, M.-H. Chan, Y.-C. Chang, W.-M. Chang, L.-H. Chi, H.-M. Yu, Y.-F. Lin, D. P. Tsai, R.-S. Liu, and M. Hsiao, "MMP2-sensing up-conversion nanoparticle for fluorescence biosensing in head and neck cancer cells," eng, *Biosensors & bioelectronics*, vol. 80, pp. 131–139, Jun. 2016, ISSN: 1873-4235 (Electronic). DOI: [10.1016/j.bios.2016.01.049](https://doi.org/10.1016/j.bios.2016.01.049).
- [7] W.-M. W.-M. Chang, Y.-F. Y.-F. Lin, C.-Y. C.-Y. Su, H.-Y. H.-Y. H.-Y. Peng, Y.-C. Chang, T.-C. T.-C. Lai, G.-H. G.-H. G.-H. Wu, Y.-M. Y.-M. Hsu, L.-H. Chi, J.-R. J.-R. Hsiao, C.-L. C.-L. Chen, J.-Y. J.-Y. Chang, Y.-S. Shieh, M. Hsiao, and S.-G. S.-G. Shiah, "Dysregulation of RUNX2/activin-A axis upon miR-376c downregulation promotes lymph node metastasis in head and neck squamous cell carcinoma," eng, *Cancer Research*, vol. 76, no. 24, pp. 7140–7150, Dec. 2016, ISSN: 1538-7445 (Electronic). DOI: [10.1158/0008-5472.CAN-16-1188](https://doi.org/10.1158/0008-5472.CAN-16-1188).
- [8] W. R. Hao, Y. H. Hsu, K. C. Chen, H. C. Li, U. Iqbal, P. A. Nguyen, C. W. Huang, H. C. Yang, P. Lee, M. H. Li, S. L. Hlatshwayo, Y. C. Jack Li, and W. S. Jian, "LabPush: A pilot study of providing remote clinics with laboratory results via short message service (SMS) in Swaziland, Africa - A qualitative study," *Computer Methods and Programs in Biomedicine*, vol. 118, no. 1, pp. 77–83, 2015, ISSN: 18727565. DOI: [10.1016/j.cmpb.2014.10.005](https://doi.org/10.1016/j.cmpb.2014.10.005). [Online]. Available: <http://dx.doi.org/10.1016/j.cmpb.2014.10.005>.

- [9] C.-Y. Su, Y.-P. Liu, C.-J. Yang, Y.-F. Lin, J. Chiou, L.-H. Chi, J.-J. Lee, A. T. H. Wu, P.-J. Lu, M.-S. Huang, and M. Hsiao, "Plasminogen Activator Inhibitor-2 Plays a Leading Prognostic Role among Protease Families in Non-Small Cell Lung Cancer," eng, *PloS one*, vol. 10, no. 7, e0133411, 2015, issn: 1932-6203 (Electronic). DOI: [10.1371/journal.pone.0133411](https://doi.org/10.1371/journal.pone.0133411).
- [10] C. Fan, Y. Chang, C. Hsu, C. Liao, Y. Huang, L.-H. Chi, and Â. S. da Costa, "Lymphatic Elephantiasis in One Neglected African Country-Democratic Republic of Sao Tome e Principe," *Tropical Medicine & Surgery*, vol. 1, no. 2, 2013. DOI: [10.4172/2329-9088.1000108](https://doi.org/10.4172/2329-9088.1000108). [Online]. Available: <http://www.esciencecentral.org/journals/lymphatic-elephantiasis-in-one-neglected-african-country-democratic-republic-of-sao-tome-e-principe-2329-9088.1000108.php?aid=14239>.
- [11] C.-K. Fan, L.-W. Lee, C.-W. Liao, Y.-C. Huang, Y.-L. Lee, Y.-T. Chang, A. d. S. R. J. da Costa, V. Gil, L.-H. Chi, T. Nara, A. Tsubouchi, and O. P. Akinwale, "Toxoplasma gondii infection: relationship between seroprevalence and risk factors among primary schoolchildren in the capital areas of Democratic Republic of Sao Tome and Principe, West Africa.," eng, *Parasites & vectors*, vol. 5, p. 141, Jul. 2012, issn: 1756-3305 (Electronic). DOI: [10.1186/1756-3305-5-141](https://doi.org/10.1186/1756-3305-5-141).
- [12] W.-S. Jian, M.-H. Hsu, H. Sukati, S. Syed-Abdul, J. Scholl, N. Dube, C.-K. Hsu, T.-j. Wu, V. Lin, T. Chi, P. Chang, Y.-C. Li, L.-H. Chi, P. Chang, and Y.-C. Li, "LabPush: a pilot study of providing remote clinics with laboratory results via short message service (SMS) in Swaziland, Africa.," eng, *PloS one*, vol. 7, no. 9, C. Shiff, Ed., e44462, Sep. 2012, issn: 1932-6203 (Electronic). DOI: [10.1371/journal.pone.0044462](https://doi.org/10.1371/journal.pone.0044462). [Online]. Available: <http://dx.plos.org/10.1371/journal.pone.0044462>.
- [13] H.-C. C. Cheng, L.-H. H. Chi, J.-Y. Y. Wu, T.-T. T. Hsieh, and B.-Y. Y. Peng, "Blindness and basal ganglia hypoxia as a complication of Le Fort I osteotomy attributable to hypoplasia of the internal carotid artery: a case report," eng, *Oral surgery, oral medicine, oral pathology, oral radiology, and endodontics*, vol. 104, no. 1, e27–33, Jul. 2007, issn: 1528-395X (Electronic). DOI: [10.1016/j.tripleo.2007.01.016](https://doi.org/10.1016/j.tripleo.2007.01.016).
- [14] J.-Y. Wu, L.-H. Chi, B.-Y. Peng, and Y.-H. Lin, "Maxillary Ameloblastic Carcinoma—A Case Report," *Journal of Chinese Oral and Maxillofacial Surgery*, vol. 18, no. 2, pp. 131–140, 2007.
- [15] L.-H. Chi, Y.-H. Li, T.-K. Liu, and B.-Y. Peng, "Squamous Cell Carcinoma Metastasized to Cervical Lymph Nodes from an Occult Oral Primary - A case Report," *Journal of Chinese Oral and Maxillofacial Surgery*, vol. 13, no. 1, pp. 26–39, 2002.