

蔣依吾 (John Y. Chiang, Ph. D.)

出生日期	西元 1962 年 9 月 1 日
出生地	臺灣嘉義
地址	高雄市西子灣國立中山大學資訊工程系(公) 高雄市苓雅區福建街 290 號(宅)
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學歷

1. 美國西北大學電機博士 (1987 年 9 月-1990 年 8 月)

Thesis title:

“Motion-Sequence Image Registration, Processing, and Neural Implementation “

2. 美國西北大學電機碩士 (1985 年 9 月-1987 年 8 月)
3. 國立臺灣大學電機學士 (1981 年 10 月-1985 年 6 月)

經歷

1. 國立中山大學資訊工程系特聘教授 (2021 年 8 月-2025 年 1 月)
2. 國立中山大學資訊工程系教授 (2012 年 8 月-2025 年 1 月)
3. 高雄醫學大學人工智慧健康產業應用碩士學位學程合聘教授 (2021 年 8 月-2023 年 7 月)
4. 高雄醫學大學醫學影像暨放射科學系合聘教授 (2019 年 8 月-2023 年 7 月)
5. 高雄醫學大學醫務管理暨醫療資訊系合聘教授 (2014 年 2 月-2023 年 7 月)
6. 國立中山大學資訊工程系系主任 (2016 年 8 月-2019 年 7 月)
7. 國立中山大學醫學科技研究所合聘教授 (2014 年 8 月-2021 年 7 月)
8. 國立中山大學資訊工程系副教授 (1999 年 8 月-2012 年 7 月)
9. 國立中山大學應用數學系副教授 (1990 年 10 月-1999 年 7 月)

曾擔任校內工作及獲獎

1. 全球前 2%頂尖科學家(World's Top 2% Scientists)，入選 2025 年「年度科學影響力排行榜」及「終身科學影響力排行榜」
2. 國立中山大學產學績優教師 (109, 110 學年度) (2020, 2021 年)
3. 國立中山大學研究績優教師特殊教育推行委員會委員(106 學年度) (2017 年)
4. 國立中山大學研究績優教師 (103, 104, 105, 106, 107, 109 學年度) (2014, 2015, 2016, 2017, 2018, 2020 年)
5. 國立中山大學產學激勵獎項 - 「首次技術移轉」 (104 學年度) (2015 年)
6. 國立中山大學產學激勵獎項 - 「首次產學合作」 (103 學年度) (2014 年)

7. 國立中山大學產學激勵獎項 - 「資深類深耕產學合作」 (109 學年度) (2020 年)
8. 醫學科技研究所教評會委員、籌備委員會委員 (2014 年)
9. 邁向頂尖大學計畫跨校院科技醫學研究群醫工組組長 (2012 年-2013 年)
10. 資訊工程系教評會委員 (101 學年度起) (2012 年起)
11. 資訊工程系遴選委員會委員 (99 學年度) (2010 年)
12. 資訊工程系招生委員會委員 (99 學年度) (2010 年)
13. 資訊工程系網路圖儀委員會委員 (97 學年度) (2008 年)
14. 學生急難救助審查委員會工學院代表 (97 學年度) (2008 年)
15. 學生事務會議工學院代表 (97 學年度) (2008 年)
16. 資訊工程系課程委員會委員 (95, 99, 100, 101 學年度) (2006, 2010, 2011, 2012 年)
17. 資訊工程系工程認證教育委員會委員 (95, 98 學年度起) (2006, 2009 年起)
18. 國立中山大學優秀教學獎 (95 學年度) (2006 年)
19. 國立中山大學指導大學部專題製作競賽佳作 (95 學年度) (2006 年)
20. 院課程委員會委員 (95 學年度) (2006 年)
21. 學生申訴評議委員會委員 (95 學年度) (2006 年)
22. 國立中山大學教學滿意度名列前茅 (94 學年度第一學期) (2005 年)
23. 資訊工程系博士班面試及口試委員 (93 學年度) (2004 年)
24. 資訊工程系碩士班命題及閱卷代表 (92 學年度) (2003 年)
25. 資訊工程系書報討論導師 (91 學年度) (2002 年)
26. 資訊工程系博士班資格考命題及閱卷代表 (89, 95, 97-100 學年度) (2000, 2006, 2008-2011 年)
27. 資訊工程系導師 (89 學年度起) (2000 年)
28. 司選委員會代表 (89,91 學年度) (2000, 2002 年)
29. 國立中山大學工學院傑出教學獎 (89, 95 學年度) (2000, 2006 年)
30. 國立中山大學傑出教學獎 (89 學年度) (2000 年)
31. 國立中山大學電算中心設計組組長 (1998 年 8 月-2002 年 7 月)
32. 資訊工程研究所碩士學位考試委員會口試委員 (87 學年度起) (1998 年起)
33. 管理學院軟體創新育成中心推動委員 (1997 年 5 月 1 日-1998 年 12 月 31 日)
34. 國立中山大學資訊科學中心主任 (1995 年 8 月 1 日-1997 年 7 月 31 日)
35. 籌辦第十二屆組合數學與計算理論研討會 (1995 年 11 月 24, 25 日)
36. 教育部數學資優班口試委員 (84 學年度) (1995 年)
37. 應用數學系圖書儀器委員會委員 (84 學年度) (1995 年)
38. 機械工程研究所碩士學位考試委員會口試委員 (83, 84, 89 學年度) (1994, 1995, 2000 年)
39. 超級電腦選機委員會委員 (1993 年)
40. 院務會議代表 (81, 82, 84, 96 學年度) (1992, 1993, 1995, 2007 年)
41. 校務會議代表 (81, 89, 92 學年度) (1992, 2000, 2003 年)
42. 應用數學系碩士班招生考試閱卷委員 (80 學年度-86 學年度) (1991 年-1997 年)
43. 應用數學系導師 (80 學年度-82 學年度) (1991 年-1993 年)
44. 應用數學研究所碩士學位考試委員會口試委員 (80 學年度起) (1991 年起)
45. 國立中山大學應用數學研究所資訊組副教授 (1990 年 9 月-1999 年 7 月)

曾擔任校外工作

1. 114 年地方及離島特考命題與閱卷委員

2. 114 年建築師、技師暨不動產經紀人、記帳士考試命題與閱卷委員
3. 完成臺灣學術倫理教育資源中心(AREE)之學術研究倫理教育課程, 學術研究倫理證明 (2022 年 12 月 17 日)
4. 110 年特種考試地方政府公務人員考試典試委員 (2021 年 12 月 10 日)
5. 110 年公務人員特種考試關務人員、身心障礙人員考試及 110 年國軍上校以上軍官轉任公務人員考試命題兼閱卷委員 (2021 年 4 月 16 日)
6. 109 年專門職業及技術人員高等考試建築師、32 類科技師(含第二次食品技師)、大地工程技師考試分階段考試(第二階段考試)暨普通考試不動產經紀人、記帳士考試、109 年第二次專門職業及技術人員特種考試驗光人員考試命題兼閱卷委員 (2020 年 11 月 19 日)
7. 通過臺灣受試者保護協會(HuSPAT)之研究倫理訓練, Biomedical Investigator Required Modules (2020 年 3 月)
8. 108 年特種考試地方政府公務人員考試命題兼閱卷委員(2019 年)
9. 國家衛生研究院論壇「高齡健康與長照研究中心研議計畫」委員(2019 年 1 月 1 日至 2019 年 12 月 31 日止)
10. 108 年公務人員特種考試警察人員、一般警察人員考試及 108 年特種考試交通事業鐵路人員、退除役軍人轉任公務人員考試命題兼閱卷委員(2019 年)
11. 108 年公務人員特種考試關務人員、身心障礙人員考試及 108 年國軍上校以上軍官轉任公務人員考試命題及閱卷委員(2019 年)
12. 107 年公務人員特種考試警察人員、一般警察人員考試及 107 年特種考試交通事業鐵路人員考試命題兼閱卷委員 (2018 年)
13. 106 年特種考試地方政府公務人員考試典試委員 (2017 年)
14. 參與科技部原住民科學教育計劃之原住民族人體研究倫理訓練, 原住民族人體研究倫理證明 (2016 年 12 月)
15. 世界中聯舌象研究專業委員會第一屆理事會常務理事 (2016 年 10 月-2020 年 10 月)
16. 105 年高普考資訊處理典試委員 (2016 年)
17. Guest Editor, Scheduling Problems with Due Date Assignment, Discrete Dynamics in Nature and Society (2014 年 6 月起)
18. 103 年公務人員特種考試關務人員考試、公務人員特種考試身心障礙人員考試、國軍上校以上軍官轉任公務人員考試典試委員 (2014 年)
19. Editorial Board Member, International Journal of Information Engineering (2014 年 2 月起)
20. 研發「自動化舌診系統」獲 SNQ 國家品質標章 (2013 醫療院所類/醫院特色專科組「舌中乾坤-自動化舌診系統開創中醫新紀元」, 國品字第 A01226 號)
21. Program Committee, 2013 IEEE Int'l Conf. on Systems, Man, and Cybernetics(SMC), Oct. 13-16, 2013, Manchester, UK.
22. Member, IEEE SMC Technical Committee on Intelligent Internet Systems(2013 年 7 月起)
23. Editor, Current Advances in Artificial Intelligence(CAAI) (2013 年 6 月起)
24. Associate Editor, BIOINFO Computational Mathematics (2013 年起)
25. Editor, Journal of Man, Machine and Technology(JMMT) (2012 年起)
26. 經濟部智慧財產局優良兼任專利審查人員 (2009 年)
27. 彰化基督教醫院專業顧問 (2009 年 1 月 15 日-2010 年 6 月 30 日)
28. 國立臺灣美術館審查委員 (2009 年起)
29. 高雄縣政府文化局資訊顧問 (2006 年 1 月 1 日-2007 年 12 月 31 日)
30. 經濟部智慧財產局兼任專利審查人員 (2006 年起)

31. Associate Editor, Journal of Management Science & Statistical Decision, ISBN 1814-9073 (2005 年起)
32. 公務人員高等考試三級考試暨普通考試測驗式試題命題委員 (2004 年)
33. 特種考試地方政府公務人員考試命題委員 (2003 年)
34. 國立科學工藝博物館展示廳諮詢顧問 (2003 年 1 月起)
35. 工程科技與中西醫學應用會議議程委員 (2002 年)
36. 中華民國人工智慧學會第六屆人工智慧與應用研討會論文評審委員 (2001 年)
37. 中華民國資訊月活動高雄區執行委員會秘書組副組長 (1998 年-2000 年)
38. 中國醫藥學院博士學位考試委員會口試委員 (87 學年度) (1998 年)
39. 財團法人高雄市基督教青年會資訊顧問 (1997-1999 年)
40. 義守大學電機工程研究所碩士論文口試委員 (86 學年度) (1997 年)
41. Program Committee, 1997 IEEE Int'l Conf. on Systems, Man, and Cybernetics, Oct. 12-15, 1997, Orlando, Florida, USA.
42. 高雄市資訊發展協會第二屆理事 (1996 年 7 月-1998 年 6 月)
43. 國立屏東技術學院資訊管理研究所碩士學位考試委員會口試委員 (85 學年度) (1996 年)
44. 高雄市政府捷運局電腦自動化顧問 (84 會計年度) (1995 年)
45. 高雄工學院電機工程研究所碩士學位考試委員會口試委員 (83-86 學年度) (1994-1997 年)
46. 國立海洋大學航運技術研究所碩士學位考試委員會口試委員 (82 學年度起) (1993 年)
47. 國立海洋生物博物館籌備處籌建規劃諮詢委員 (1992 年-2002 年)
48. 經濟部中央標準局電機類專利審查委員 (1992 年起)
49. 高雄市中小學科學展覽評審委員 (80,81 年) (1991, 1992 年)
50. 國立海洋大學電子工程研究所碩士學位考試委員會口試委員 (79, 81 學年度) (1990, 1992 年)

委託計畫

1. 透過高光譜成像與機器學習進行蛋雞雞蛋受精檢測與性別判斷，國科會，NSTC 112-2221-E-110 -046 -MY2, 2023.08.01~2025.07.31。
2. 使用人工智慧舌診與皮膚交感神經活性分析系統於心肌梗塞病患，一個醫院為基礎之研究(研究主題：人工智能，中山端計畫主持人), 112 年中山-高醫合作計畫，112-P13, 2023.01.01~2023.12.31。
3. 小鋼胚表面紋理區分深度學習方法研究，中國鋼鐵股份有限公司, N111117, 2022.06.01~2022.12.31。
4. 眼瞼下垂自動檢測系統(ABDS), 科技部, MOST111-2221-E-110-010-, 2022.08.01~2023.07.31。
5. GT-505CBD 碳黑分析儀軟體開發，高鐵科技股份有限公司, 2022.02.15~2022.08.15。
6. 6DOF 多重標記追蹤與 AI 學習計算，財團法人金屬工業研究發展中心, N111099, 2022.01.01~2022.12.31。
7. 臺北市儀器商業同業公會網頁建置，臺北市儀器商業同業公會, 2021.07.01~2022.03.31。
8. 2CGL 後段 ASIS 資料及品級關聯性分析，中國鋼鐵股份有限公司, N110230, 2021.10.01~2022.09.30。
9. 透過可見光與高光譜成像技術進行木瓜成熟度分級，科技部, MOST110-2221-E-110-053-, 2021.08.01~2022.07.31。

10. 3D 點雲 AOI 暨射頻定位技術, 財團法人金屬工業研究發展中心, N110086, 2021.01.01~2021.12.31。
11. 中醫精準醫學—糖尿病初探, 衛生福利部, G110011, 2021.01.01~2021.12.15。
12. 異常行為辨識及電子圍籬監控, 日月光半導體製造股份有限公司, N109105, 2020.09.01~2021.08.31。
13. 馬鈴薯種薯潛伏型病害之高光譜成像早期偵測研究, 科技部, MOST109-2221-E-110-048-, 2020.08.01~2021.07.31。
14. 中醫精準醫學—糖尿病初探, 衛生福利部, G109035, 2020.02.06~2020.12.15。
15. 國際線報到櫃檯使用分配視覺化輸出, 交通部民用航空局高雄國際航空站, G108086, 2019.12.03~2020.02.29。
16. 基於人工智慧表面缺陷資料分析之鋼捲品級建議研究, 中國鋼鐵股份有限公司, N108211, 2019.12.01~2020.09.30。
17. 足底拓印辨識分析系統, 紅崙科技股份有限公司, M08156, 2019.11.01~2021.04.30。
18. 瑕疵落點及特徵判斷分析專案, 聯華電子股份有限公司, I-2019-11-023, 2019.10.15~2020.08.30。
19. 視覺化訂單管理系統, 清展科技股份有限公司, M08112, 2019.09.01~2020.06.30。
20. 動態規劃投料 Die/材料產品組合, 日月光半導體製造股份有限公司, N108165, 2019.09.01~2020.08.31。
21. 阿茲海默症之多元資訊智慧診斷系統-子計畫一阿茲海默症之中醫舌診指標, 國立中山大學與高雄醫學大學, 產學合作研究, 108I003, 2019.01.01~2019.12.31。
22. 應用高光譜辨識技術提升外銷蘭花通關與到貨品質(3/3), 科技部, MOST107-2218-E-110-002, 2018.10.01~2019.09.30。
23. 高光譜成像技術於蓮霧潛伏型病害早期偵測之研究, 科技部, MOST107-2221-E-110-063, 2018.08.01~2019.07.31。
24. 以機器視覺為基礎之蘭花種苗分級系統, 皇基股份有限公司, 2018.10.01~2019.09.30。
25. 自動化眼瞼下垂檢測系統技術獲國家實驗研究院儀器科技研究中心法人鏈結計畫選為生醫商品化中心醫材團隊合作技術進行雛型品製作, 2018.07.01~2018.11.30。
26. 經內頸動脈投予自體周邊血液衍生幹細胞/前驅細胞(CD34+)治療於缺血性腦中風病患療效之探討--第二期臨床試驗, 科技部, MOST107-2314-B-182A-056-MY3, 2018.08.01~2021.07.31。
27. 自動化眼瞼下垂檢測系統, 國立中山大學與高雄醫學大學, 產學合作研究, 107KN005, 2018.05.01~2019.04.30。
28. 透過舌診評估傳統中醫及蒙醫治療高血脂有效性之研究, 科技部, MOST106-2923-B-110-001-MY3, 2017.08.01~2020.07.31。
29. 應用高光譜辨識技術提升外銷蘭花通關與到貨品質(2/3), 科技部, MOST106-2218-E-110-002, 2017.10.01~2018.09.30。
30. 員工門禁行為模式偵測, 日月光半導體製造股份有限公司, 0-2017-10-00-65-A, 2017.09.01~2018.08.31。
31. 中醫舌診及穿戴式裝置於居家健康偵測之分析, 國立中山大學與高雄醫學大學, 產學合作研究, 106KN006, 2017.08.01~2018.07.31。
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