



C H I N A A E R O S P A C E
S T U D I E S I N S T I T U T E

The Architect of China's Military-Civil Fusion Strategy: Jiang Luming

By Alex Stone

This short report provides biographical information about Major General Dr. Jiang Luming [姜鲁鸣], an influential thinker and strategist, pioneer in the field of defense economics in China and the preminent scholar behind China's Military-Civil Fusion (MCF) strategy.

Current Affiliation: Military Management College [军事管理学院], PLA National Defense University

Position: Professor [教授]

Rank: Special Technical Major General [专业技术少将军衔]¹

Grade: Deputy Corps Leader Grade [副军级]



Jiang Luming (March 2018)¹

¹ Jiang is a uniformed civilian cadre, under the track called special technical officers [专业技术军官].

Jiang (65) was born in Haimen [海门], Jiangsu Province in 1955.² He enlisted, or was conscripted, in the PLA as a 15-year-old in 1970.³ While there are few details about this early period in his life, some reports note that at some point in his PLA career Jiang served as a film projectionist while stationed in Linxia [临夏], Gansu Province.⁴

While widely regarded as a self-starter and someone with a thirst for knowledge, few details about when and where he received his formal education are known; although anecdotally he is described as someone who would lock himself in a small warehouse on Sundays with his books when the dorms became too loud for him to concentrate.⁵ In 1985, after graduating with a master's degree in economic history, Jiang was assigned to a teaching position at the PLA Political College [解放军政治学院] (now National Defense University).⁶

According to media reports, when Jiang arrived at NDU in 1985, Military-Civil integration was an emerging area of study at the school.⁷ Given Jiang's background in economics and his natural inquisitive mind, he immediately delved into the subject, conducting extensive research and numerous field trips, and quickly emerged as an expert on the topic. In the 1990s, Jiang led a team that translated a number of Western scholarly works on defense economics, including *Handbook of Defense Economics* by Todd Sandler and Keith Hartley, sparking a major debate within the Chinese academic community about defense economics.⁸ Jiang's work on defense economics in a historical perspective, including several monographs reportedly led to the emergence of defense economic history as an academic discipline in China.⁹

After receiving his PhD in economicsⁱⁱ, Jiang became a professor at NDU's Defense Economics Research Center [国防经济研究中心], a new research center created in 2001 to "support decision-making of and provide counsel to Party, State, and senior military authorities."¹⁰ In the early 2000s, Jiang participated in the drafting of national economic and social development white papers and the 11th Five Year Plan.¹¹ He was also a key figure in drafting the initial proposal of the *Military-Civil Fusion Promotion Law* [军民融合发展促进法],¹² which was submitted to the National People's Congress around 2011 and was reportedly in the legislative process as of 2018.¹³

On 24 July 2009, Jiang, along with NDU military historian and strategist Major General Jin Yanan [金一南],ⁱⁱⁱ was invited to lecture the 25 members of the 17th Politburo of the Chinese Communist Party in a study session on Military-Civil Fusion.¹⁴ Jiang's lecture and proposals reportedly seized the attention of the senior Party leadership.¹⁵ This opportunity likely raised Jiang's profile and cemented his status as a prominent and authoritative researcher of MCF. In 2010, Jiang received various commendations and honors from the PLA, NDU, and the State Council.^{16,iv} In the same year he was also awarded the title "Pioneer of Military-Civilian Fusion

ⁱⁱ While he is regularly identified as having a doctorate, the granting institution and date have not been identified.

ⁱⁱⁱ Jin Yanan, a princeling, regularly appears in media compared to Jiang, but does not appear to share Jiang's expertise in MCF. Instead, Jin Yanan is a generalist who comments on a wide range of topics and is notable for writing *Through Hardship to Glory* [苦难辉煌], a glowing account of the CCP's rise to power that has been praised by Xi Jinping.

^{iv} The honor Jiang received from the State Council was the title "Expert with Special State Council Allowances." According to People.cn, "the government special allowance of the State Council is a reward mechanism for high-level professional and technical personnel and highly skilled personnel. Recipients are called experts with special

Development Research and Leader of National Defense Economics Research" [军民融合发展研究的先行者和国防经济研究的领军人物]. Perhaps most significant out of all of these plaudits, however, is his status as one of the senior “on call” experts that the CCP Central Committee can contact at any time [中央直接联系掌握专家].¹⁷

In December 2017, shortly after MCF’s elevation to a national strategy and amidst a flurry of new developments including the creation of Central Commission for Military-Civil Fusion Development, Jiang published *Initial Discussion on the Military-Civil Fusion Strategy* [军民融合发展战略探论], along with his NDU colleagues Wang Weihai [王伟海] and Liu Zuchen [刘祖辰]. This book remains one of the few books published in the last five years that comprehensively discusses the MCF *strategy*, rather than MCF as a broader topic. Notably, the language in the book closely mirrors that used in national policies, making it possible—even probable—that the authors played a significant role in the making of the strategy. The subsequent year, Jiang attended the Chinese People’s Political Consultative Conference held in March 2018 as a newly elected military representative, putting forth several proposals on MCF development.¹⁸

Besides teaching at NDU and researching and publishing the topics of defense economics and Military-Civil fusion, Jiang also served as a part-time professor and supervisor to Doctoral candidates at six other universities including Shanghai University of Finance and Economics [上海财经大学].¹⁹ At some point Jiang was a visiting scholar to the University of Chicago.²⁰

Jiang appears to have been affiliated with the Defense Economics Research Center since its creation until 2017. This coincides to when his affiliation changed to the Military Management College [军事管理学院], NDU’s newly created (August 2017) institution as part of the PLA’s 11th military reform.²¹ This school is mandated to cultivate “high end talent” to serve national defense and military management needs, assist in the Party Central and CMC’s strategic decision making, and promote international cooperation, among others.²² In a grand ceremony held at NDU in September 2020, Jiang, along with four other NDU professors, received the title “renowned teacher and renowned expert of NDU” [国防大学首届名师名家] in honor of their contributions. Besides Military Management College, Jiang was also identified by an article from 2018 as a professor with NDU’s Research Center for Military-Civil Fusion Deep Development [军民融合深度发展研究中心] created in July 2015 in Beijing.²³

State Council allowances.” See “4,000 recipients given special awards from the State Council,” People’s Daily Online, 16 January 2019, <http://en.people.cn/n3/2019/0116/c90000-9538415.html>.



Jiang (center) at a NDU Ceremony in September 2020

Image Credit: “Teachers' Day, National Defense University honors them” [教师节，国防大学为他们颁奖], 11 September 2020, NDU Wechat Public Account, https://mp.weixin.qq.com/s/cjBAZsYO_P_VwQ53XZQAw

The most recent photo of Jiang and listed affiliation as provided by NDU’s Wechat Official Account



Image Credit: “Teachers' Day, National Defense University honors them” [教师节，国防大学为他们颁奖], 11 September 2020, NDU Wechat Public Account, https://mp.weixin.qq.com/s/cjBAZsYO_P_VwQ53XZQAw

Positions and Professional Affiliations

According to information from a variety of sources, besides Jiang's affiliations and titles discussed earlier, Jiang also currently serves or has served in the following list of positions:²⁴

- Deputy Director of the Defense Economics Expert Panel under the CMC Science and Technology Committee [军委科技委国防经济专家委员会副主任]
- Consultant to the CMC Strategic Planning Committee [战略规划委]
- Member, Economic Academic Discipline Review Board, Academic Degrees Office of the State Council [国务院学位办经济学科评审, 专家委员]
- CCP Central Committee “on-call” Expert [中央直接联系掌握, 专家委员]
- All-Army Equipment Pricing Consultant [全军装备价格咨询, 咨询专家]
- All Army Budget Auditing Expert [全军预算审核, 专家]
- All Army Standing Outreach Expert [全军常备外宣, 专家]
- Deputy Director, All Army Weapons and Equipment Life Cycle Association [全军武器装备周期寿命学会, 副主任]
- Deputy Director General, All Army Military Economics Research Center [全军军事经济研究中心, 副总干事]
- Researcher, National Defense Science and Technology Development Research Center [国家国防科技发展研究中心特聘研究员]

Selected Publications:

- Jiang Luming and Wang Wenhua. *Defense Expenditure Economics* [国防费经济学]. Beijing: National Defense University Press, 2007.
- Jiang Luming and Wang Wenhua. *Contemporary and Modern Chinese Defense Economics History* [中国近现代国防经济史]. Beijing: Chinese financial & Economic Publishing House, 2012.
- Jiang Luming. *The Plough and the Sword: Intersection and Integration* [犁与剑 交叉与融合]. Beijing: Long March Press, 2013.
- Jiang Luming. *Self-Selected Lectures by Jiang Luming* [姜鲁鸣讲稿自选集]. Beijing: National Defense University Press, 2014.

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Endnotes

- ¹ Image credit: “How the Professor Who Lectured the Politburo Advised [the Two Sessions] on Military-Civil Fusion” [为政治局上课的教授如何建言 “军民融合”], Guancha.cn, 13 March 2018, https://www.guancha.cn/military-affairs/2018_03_13_449917.shtml.
- ² “Contemporary and Modern Chinese Defense Economic History: 1840-2009” [中国近现代国防经济史: 1840~2009], Baidu Scholar [百度学术], <https://xueshu.baidu.com/usercenter/paper/show?paperid=1e7388c93ff8fc85ea8eec1d5c1397b6>, accessed January 2021.
- ³ Ibid.
- ⁴ “Play a symphony of “sword and plow”” [奏一曲 “剑与犁” 的交响], *Guangming Daily*, 13 April 2012, <http://news.sina.com.cn/o/2012-04-13/044924264638.shtml>.
- ⁵ Ibid.
- ⁶ Ibid.
- ⁷ “Play a symphony of “sword and plow”” [奏一曲 “剑与犁” 的交响], *Guangming Daily*, 13 April 2012, <http://news.sina.com.cn/o/2012-04-13/044924264638.shtml>.
- ⁸ Ibid.
- ⁹ Ibid.
- ¹⁰ Defense Economics Research Center Created at National Defense University [国防经济研究中心在国防大学成立], PLA Daily, 26 November 2001, <http://mil.news.sina.com.cn/2001-11-26/45212.html>.
- ¹¹ Ibid.
- ¹² Ibid.
- ¹³ Zhang Jiantian [张建田], “Military-Civil Fusion Legislation: Ban that which is Wrong and Establish that which is Correct step by step” [军民融合立法: 禁非立是 循序渐进], PLA Daily, 13 October 2018, <http://military.people.com.cn/n1/2018/1013/c1011-30338769.html>.
- ¹⁴ “Hu Jintao Presides over Politburo Study Session, Emphasizing Promotion of Military-Civil Fusion Style Development” [胡锦涛主持政治局学习 强调推动军民融合式发展], gov.cn, 24 July 2009, http://www.gov.cn/ldhd/2009-07/24/content_1374417.htm.
- ¹⁵ “Play a symphony of “sword and plow”” [奏一曲 “剑与犁” 的交响], *Guangming Daily*, 13 April 2012, <http://news.sina.com.cn/o/2012-04-13/044924264638.shtml>.
- ¹⁶ Jiang Luming [姜鲁鸣], Xinhua Big Data Think Tank Cloud [新华社大数据智库云], <https://www.lwinst.com/Liems/web/expert/detail.htm?id=900202736555917344>, accessed January 2021.
- ¹⁷ Jiang Luming [姜鲁鸣], Xinhua Big Data Think Tank Cloud [新华社大数据智库云], <https://www.lwinst.com/Liems/web/expert/detail.htm?id=900202736555917344>, accessed January 2021.
- ¹⁸ “How the Professor Who Lectured the Politburo Advised [the Two Sessions] on Military-Civil Fusion” [为政治局上课的教授如何建言 “军民融合”], Guancha.cn, 13 March 2018, https://www.guancha.cn/military-affairs/2018_03_13_449917.shtml.
- ¹⁹ “Contemporary and Modern Chinese Defense Economic History: 1840-2009” [中国近现代国防经济史: 1840~2009], Baidu Scholar [百度学术], <https://xueshu.baidu.com/usercenter/paper/show?paperid=1e7388c93ff8fc85ea8eec1d5c1397b6>, accessed January 2021.
- ²⁰ Ibid.
- ²¹ “Teachers' Day, National Defense University honors them” [教师节, 国防大学为他们颁奖], 11 September 2020, NDU Wechat Public Account, https://mp.weixin.qq.com/s/cjBAAtZsYO_P_VwQ53XZQAw; Kenneth Allen and Mingzhi Chen, “The People’s Liberation Army’s 37 Academic Institutions,” China Aerospace Studies Institute, June 2020, https://www.airuniversity.af.edu/Portals/10/CASI/Books/CASI_Academic_Institutions_Encyclopedia_web_final.pdf, 34-41.
- ²² Officials Disclose Information on the Orientation of the National Defense University Military Management College [官方披露国防大学军事管理学院办学定位等信息], The Paper, 25 March 2019, https://www.thepaper.cn/newsDetail_forward_3194578.

²³ “How the Professor Who Lectured the Politburo Advised them on Military-Civil Fusion” [为政治局上课的教授如何建言“军民融合”], Guancha.cn, 13 March 2018, https://www.guancha.cn/military-affairs/2018_03_13_449917.shtml.

²⁴ Jiang Luming [姜鲁鸣], Wang Weihai [王伟海], Liu Zuchen [刘祖辰], *Initial Discussion on the Military-Civil Fusion Strategy* [军民融合发展战略探论], (Beijing: People’s Press, 2017); Jiang Luming [姜鲁鸣], Xinhua Big Data Think Tank Cloud [新华社大数据智库云], <https://www.lwinst.com/Liems/web/expert/detail.htm?id=900202736555917344>, accessed January 2021; Chu Zhenjiang [褚振江], An Account of National Defense University Defense Economics Research Center Professor Jiang Luming [文章社稷一戎衣——记国防大学国防经济研究中心教授姜鲁鸣], PLA Daily, 16 May 2012, http://www.gfdy.gov.cn/sjdata/2012-05/16/content_4920915.htm.