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CURRICULUM VITAE

May 2019

EDUCATION

- Ph.D. King's College, London University, England, 2007 (War Studies)
Beijing University, Post-Graduate Research Course on Chinese Politics and Foreign Policy, 1987–1988
- B.A. (Hons) Sussex University, Brighton, England, 1987 (International Relations)
Beijing University, Course in Chinese Mandarin and International Politics, 1985–1986

EMPLOYMENT

- 2012–Present Director, University of California Institute on Global Conflict and Cooperation
- 2018–Present Professor, School of Global Policy and Strategy, University of California San Diego
- 2015-2018 Associate Professor (Tenured), School of Global Policy and Strategy, University of California San Diego
- 2012–2015 Associate Professor in Residence, School of International Relations and Pacific Studies, University of California, San Diego
- 2009–2012 Associate Research Scientist, University of California Institute on Global Conflict and Cooperation
- 2009–2012 Associate Adjunct Professor, School of International Relations and Pacific Studies, University of California, San Diego
- 2004–2009 Academic Coordinator, University of California Institute on Global Conflict and Cooperation
- 2007–2009 Assistant Adjunct Professor, School of International Relations and Pacific Studies, University of California, San Diego
- 2000–2002 Senior Manager, PricewaterhouseCoopers, Hong Kong and Japan
- 1998–2000 Associate Managing Director, Kroll Associates Ltd., Hong Kong
- 1997–1998 Research Associate, International Institute for Strategic Studies, London
- 1993–1998 China Analyst, Kim Eng Securities Ltd., Hong Kong

1988–1993 China, Hong Kong and Asia-Pacific Defense Correspondent, Far Eastern Economic Review, Hong Kong

PROFESSIONAL ACTIVITIES

2012–2013 Member, Committee on Global Approaches to Advanced Computing, National Research Council of the National Academies. Took part in the writing of a report on “The Changing Global Landscape of Advanced Computing”

2008–Present Member, International Institute for Strategic Studies

COURSES TAUGHT

1. UCSD Graduate-level seminar on Chinese Foreign and Security Policy
2. UCSD Undergraduate-level political science lecture course on the Rise of China and its Domestic Challenges
3. UCSD Graduate-level seminar on Asian Security
4. UCSD Graduate-level seminar on Chinese Security, Technology, and Innovation
5. UCSD Graduate class on Chinese Politics
6. UCSD Graduate class on International Politics of the Asia-Pacific Region
7. UCSD Graduate class on Chinese International Relations and National Security
8. UCSD Graduate class on Chinese National Security and Defense Policy

PUBLICATIONS

PEER-REVIEWED BOOKS

1. Co-ed (with Tom Manhken), *The Gathering Pacific Storm: Emerging US-China Strategic Competition in Defense Technological and Industrial Development* (Cambria Press, 2018)
2. Co-ed (with Jon Lindsay and Derek Reveron), *China and Cybersecurity*, Oxford University Press, 2015
3. Ed., *Forging China's Military Might: A New Framework for Assessing Innovation*, Johns Hopkins University Press, 2014
4. Ed., *China's Emergence as a Defense Technological Power*. Routledge, 2013
5. *Fortifying China*. Cornell University Press, 2009
6. *China's Entrepreneurial Army*. Oxford University Press, 2001

IN PREPARATION

1. *The Rise of China's Techno-Security State: Security Concerns, Technological Change, and Industrial Transformation* (Author)
2. *The Endless Race: The Global Competition for Defense Innovation* (Editor)

POLICY REPORTS

1. Ed., *The Rise of the Chinese Defense Economy: Innovation Potential, Industrial Performance, and Regional Comparisons* (La Jolla, CA: IGCC, 2010)
2. Ed., *New Perspectives on Assessing the Chinese Defense Economy* (IGCC, 2011)
3. Co-ed (With Kevin Pollpeter) *The Chinese Defense Economy Takes Off* (La Jolla, CA: La Jolla, CA: IGCC, 2013)
4. Co-ed (With Kevin Pollpeter) *Getting to Innovation: Assessing China's Defense Research, Development, and Acquisition System* (La Jolla, CA: IGCC, 2014)
5. Ed., *The Human Dimension of China's Defense Science, Technology and Innovation System* (La Jolla, CA: IGCC, 2015)
6. Ed., *Planning for Innovation: Understanding China's Plans for Technological, Energy, Industrial, and Defense Development* (Washington D.C.; U.S.-China Economic and Security Review Commission, September 2016)
7. Ed., *The Gathering Pacific Storm: Emerging US-China Strategic Competition in Defense Technological and Industrial Development* (San Diego: University of California Institute on Global Conflict and Cooperation, February 2017)
8. Ed., *Leaders, Laggards, and Followers: The Global Competition for Defense Innovation* (La Jolla, CA: IGCC, 2018)
9. *From Big to Powerful: China's Quest for Security and Power in the Age of Innovation* (Seoul: East Asian Institute, April 2019).

SCHOLARLY ARTICLES AND BOOK CHAPTERS

1. "Keeping Up with the Jundui: Reforming the Chinese Defense Acquisition, Technology, and Industrial System", in Phillip C. Saunders, Arthur S. Ding, Andrew Scobell, Andrew N.D. Yang, and Joel Wuthnow (eds), *Chairman Xi Remakes the PLA* (Washington D.C.: National Defense University Press, 2019).
2. "The Rise of China as a Cybersecurity Industrial Power- Balancing National Security, Geopolitical, and Development Priorities", *Journal of Cyber Policy*, December 2018.
3. "Innovation in China's Defense Technology Base- Foreign Technology and Military Capabilities", *Journal of Strategic Studies*, Vol. 36, Nos. 5-6, 2016
4. "Racing From Behind: China and the Dynamics of Arms Chases and Races in East Asia in the 21st Century", in Joe Maiolo, David Stevenson, and Thomas G. Mahnken (Editors), *Arms Races in International Politics* (Oxford University Press, 2016)

5. “Continuity and Change in China’s Strategic Innovation System”, *Issues and Studies* (August 2015)
6. “The Riddle in the Middle: China’s Central Military Commission in the 21st Century”, in Philip Saunders, Scott Harold, and Michael Swaine (Editors), *The PLA’s Role in National Security Policy-Making* (Stanford University Press, October 2015)
7. “Weaknesses in PLA Defense Industries”, in Michael Chase et al, *China’s Incomplete Military Transformation* (Washington D.C.: Rand Corp., October 2014)
8. “Strategic Latency With Chinese Characteristics: The Quest to Realize its Strategic Potential in the 21st Century”, in Zachary Davis, Michael Nacht, and Ronald Lehman (Editors), *Strategic Latency and World Power: How Technology Is Changing Our Concepts of Security* (Livermore, CA: Lawrence Livermore National Laboratory, 2014)
9. “Trade Versus Security: How Countries Balance Technology Transfers with China,” *Journal of East Asian Studies* 13 (2013): 443–456 (with Bates Gill)
10. “Economics, Security and Technology in Northeast Asia: Maneuvering Between Nationalist and Globalist Forces”, in T.J. Pempel (Ed), *The Economy-Security Nexus in Northeast Asia* (Routledge, 2012)
11. Guest Editor, *Journal of Strategic Studies* special issue on “China’s Emergence as a Defense Technological Power,” Vol. 34, No. 3, June 2011
12. “The Chinese Defense Economy’s Long March from Imitation to Innovation,” *Journal of Strategic Studies*, Vol. 34, No. 3, June 2011
13. “Engineering Human Souls: The Development of Chinese Military Journalism and the Emerging Defense Media Market”, in Susan Shirk (Ed), *Changing Media, Changing China* (Oxford University Press, December 2010).
14. “Modernizing the People’s Liberation Army: Aims and Implications”, in Shaun Breslin (Ed), *Handbook of China’s International Relations* (London: Routledge, 2010).
15. “Dragon on the Horizon: China’s Defense Industrial Renaissance,” *Journal of Strategic Studies* 32 (1), January 2009
16. “Innovation within China’s Defense Technological and Industrial Base,” in Stuart Johnson (ed.), *Thinking the Unthinkable: U.S. Military Intervention in the Taiwan Straits* (Washington, DC: National Defense University, 2007)
17. “Does the People’s Republic of China have the industrial, technological, economic and infrastructure capacity to wage and sustain a successful military campaign to subdue Taiwan?” in Steve Tsang, *If China Attacks Taiwan* (London: Routledge, 2006)
18. *Harnessing the Dragon: Civil-Military Integration and China’s Defense Modernisation* (Taipei: Chinese Council of Advanced Policy Studies, January 2004)
19. “The Role of the Central Military Commission in China’s Defense Decision-Making Process,” in David M. Lampton (ed.), *The Making of Chinese Foreign and Security Policy in the Era of Reform* (Stanford: Stanford University Press, 2001)
20. “Reforming the Dragon’s Tail: Chinese Military Logistics in the Era of High-Technology Warfare and Market Economics”, in James R. Lilley and David Shambaugh (Eds), *China’s Military Faces the Future* (M.E.Sharpe, Armonk, New York, 1999)

21. *China's Military Agenda Towards Taiwan* (Taipei: Chinese Council of Advanced Policy Studies, November 1998)
22. Jiang Zemin at the Helm: His Quest for Power and Paramount Status”, *China Strategic Review*, Spring 1998
23. “Chinese Military Preparations Against Taiwan Over the Next Ten Years”, in James R. Lilley and Chuck Downs (Eds), *Crisis in the Taiwan Strait* (Washington DC: National Defense University, 1997)
24. “The Chinese Army’s New Marching Orders: Winning on the Economic Battlefield”, in Jorn Brommelhorster and John Frankenstein (Eds), *Mixed Motives, Uncertain Outcomes: Defense Conversion in China* (Boulder: Lynne Rienner, 1997)
25. “The Interaction Between Economics and Security For China’s External Relations”, in Susan Shirk and Christopher Twomey (Eds), *Power and Prosperity: Economic and Security Linkages in the Asia Pacific* (New Brunswick: Transaction Publishers, 1996)
26. “Guarding China’s Domestic Front Line: The People’s Armed Police and China’s Stability”, *The China Quarterly*, June 1996
27. “Profits Over Professionalism: The People’s Liberation Army’s Economic Activities and Impact on Military Unity”, in Richard Yang, et al, *Chinese Regionalism: The Security Dimension* (Boulder, Colorado: Westview Press, 1994)
28. “The People’s Liberation Army in 1992: Political Power Plays and Power Projection”, in Joseph Cheng & Maurice Brosseau (Eds), *China Review 1993* (Hong Kong: The Chinese University Press, 1993)
29. “Emerging Chinese Perspectives on Naval Arms Control”, in Andrew Mack (Ed), *A Peaceful Ocean? Maritime Security in the Pacific in the Post-Cold War Era* (Australia: Allen & Unwin, 1993)
30. “Ties of Convenience: Sino-Russian Military Relations in the 1990s”, in *PLA Yearbook, 1992/93* (Taipei: Chinese Centre for Advanced Policy Studies and Westview, 1993)
31. “The Role of the PLA Between April-June 1989”, in *PLA Yearbook 1989/90* (Taipei: Sun-Yat Sen Centre for Policy Studies, Kaohsiung, 1991)
32. Editor, *Changing Patterns of East Asian Security* (Hong Kong Lingnan College Centre for Asian Pacific Studies, 1991)
33. *Growth of Chinese Naval Power: Priorities, Goals, Missions, and Regional Implications* (Singapore: Institute of Southeast Asian Studies, December 1990)
34. “Disarmament and Development in China: The Relationship Between National Defense and Economic Development”, *Asian Survey*, July 1988
35. “The Impact of Foreign Policy Research Institutes in the Post Mao Making of Chinese Foreign Policy”, *Issues and Studies*, July 1987
36. “Trends in the Research of Chinese Military Strategy” *Survival*, May/June 1987