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CURRICULUM VITAE

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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
- 2015–Present Associate Professor (Tenured), School of Global Policy and Strategy, University of California San Diego
- 2012–Present 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
- 2013-Present Adjunct Professor, National University of Defense Technology, Changsha, Hunan, China

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 Jon Lindsay and Derek Reveron), *China and Cybersecurity*, Oxford University Press, 2015
2. Ed., *Forging China's Military Might: A New Framework for Assessing Innovation*, Johns Hopkins University Press, 2014
3. Ed., *China's Emergence as a Defense Technological Power*. Routledge, 2013
4. *Fortifying China*. Cornell University Press, 2009
5. *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) (Expected Completion Date: Mid 2018)
2. *Personalities, Talent, and the Human Capital Base in the Chinese Defense Industry* (Editor) (Expected Completion Date: Late 2017)

3. *Comparing High Performance Computing in the U.S. and China* (Editor) (Expected Completion Date: End 2017)
4. *The Gathering Pacific Storm: Emerging US-China Strategic Competition in Defense Technological and Industrial Development* (Editor) (Expected Completion Date: End 2017)

POLICY REPORTS

5. *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)
6. *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)

SCHOLARLY ARTICLES AND BOOK CHAPTERS

1. "Innovation in China's Defense Technology Base- Foreign Technology and Military Capabilities", *Journal of Strategic Studies*, Vol. 36, Nos. 5-6, 2016
2. "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)
3. "Continuity and Change in China's Strategic Innovation System", *Issues and Studies* (August 2015)
4. "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)
5. "Weaknesses in PLA Defense Industries", in Michael Chase et al, *China's Incomplete Military Transformation* (Washington D.C.: Rand Corp., October 2014)
6. "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)
7. "Trade Versus Security: How Countries Balance Technology Transfers with China," *Journal of East Asian Studies* 13 (2013): 443–456 (with Bates Gill)
8. "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)
9. Guest Editor, *Journal of Strategic Studies* special issue on "China's Emergence as a Defense Technological Power," Vol. 34, No. 3, June 2011
10. "The Chinese Defense Economy's Long March from Imitation to Innovation," *Journal of Strategic Studies*, Vol. 34, No. 3, June 2011

11. "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).
12. "Modernizing the People's Liberation Army: Aims and Implications", in Shaun Breslin (Ed), *Handbook of China's International Relations* (London: Routledge, 2010).
13. "Dragon on the Horizon: China's Defense Industrial Renaissance," *Journal of Strategic Studies* 32 (1), January 2009
14. "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)
15. "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)
16. *Harnessing the Dragon: Civil-Military Integration and China's Defense Modernisation* (Taipei: Chinese Council of Advanced Policy Studies, January 2004)
17. "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)
18. "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)
19. *China's Military Agenda Towards Taiwan* (Taipei: Chinese Council of Advanced Policy Studies, November 1998)
20. Jiang Zemin at the Helm: His Quest for Power and Paramount Status", *China Strategic Review*, Spring 1998
21. "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)
22. "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)
23. "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)
24. "Guarding China's Domestic Front Line: The People's Armed Police and China's Stability", *The China Quarterly*, June 1996
25. "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)
26. "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)

27. "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)
28. "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)
29. "The Role of the PLA Between April-June 1989", in *PLA Yearbook 1989/90* (Taipei: Sun-Yat Sen Centre for Policy Studies, Kaohsiung, 1991)
30. Editor, *Changing Patterns of East Asian Security* (Hong Kong Lingnan College Centre for Asian Pacific Studies, 1991)
31. *Growth of Chinese Naval Power: Priorities, Goals, Missions, and Regional Implications* (Singapore: Institute of Southeast Asian Studies, December 1990)
32. "Disarmament and Development in China: The Relationship Between National Defense and Economic Development", *Asian Survey*, July 1988
33. "The Impact of Foreign Policy Research Institutes in the Post Mao Making of Chinese Foreign Policy", *Issues and Studies*, July 1987
34. "Trends in the Research of Chinese Military Strategy" *Survival*, May/June 1987