

Curriculum Vitae

Charla Griffy-Brown, PhD

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Research: Applied Analytics, Emerging technologies and Society, business strategy in a digital world, Cyber Risk and Analytics

Citizenship: US

Languages: Japanese (intermediate); Spanish (basic level)

CURRENT POSITION

Professor, Information Systems and Technology Management

Editor-In-Chief, *Technology in Society*, an international journal published by Elsevier
Pepperdine University • Graziadio School of Business & Management

Current Chair both the Fully-Employed MBA Program Committee, Chair the PGBS Curriculum Committee, Chair the Pepperdine University Advancement of Student Learning Council, and serve on the University Academic Council

Board Member: Knock Inc., Crowdbureau LLC, Northshore Schools Foundation, California Technology Council

EDUCATION

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| 1997 | PhD | Griffith University, Queensland, Australia
Extensive fieldwork supported by a Japan Science and Technology Agency Fellowship and an Australian Award for Research in Asia (Australian Vice-Chancellors' Committee). |
| 1991 | BA | Harvard University, Cambridge MA
<i>Received Fulbright Fellowship for study in Japan after graduation.</i> |

PROFESSIONAL EXPERIENCE: LARGE COMPLEX MULTI-NATIONAL PROJECTS

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| 1998-1999 | Foundation for Advanced Studies in International Development
Japanese Ministry of Foreign Affairs
Researcher. Extensive fieldwork in India and other parts of Asia analyzing technology and sustainable development issues. |
| 1997 – 1999 | Japan Foundation Fellow, Department of Industrial Engineering and Management Tokyo Institute of Technology, JAPAN
Joint Research Project with the Organization of Economic Cooperation and Development (OECD) and the International Institute of Applied Systems Analysis |
| June 1997 – Present | Consultant in Technology Innovation and Development
(Highlights of multinational projects) <ul style="list-style-type: none">• US State Department, featured speaker in transitional economies such as Bangladesh and Bulgaria where she worked with government advisors and heads of state on emerging technology and development issues• Pacific Telecommunications Council, Sponsored multinational research project: Developing a Blended Learning Framework that Enables Shared Knowledge & Learning Resources Across National |

Boundaries in the Asia- Pacific region: Creating E-learning Connections between Regional Corporations and Universities.

- **European Commission, European Science and Technology Organization:** Japan consultant on advanced technology development and institutional changes in Japan
- **United Nations Global Environmental Facility (GEF), Science and Technical Advisory Panel:** Assisted in the area of technology transfer in the energy sector, developed and submitted systems recommendations report, organized international workshop, submitted final report with recommendations to GEF Council
- **European Commission, Institute for Prospective Studies, International Benchmarking Study:** Japan consultant on global information and communications technology organizational changes
- **European Commission, Institute for Prospective Studies, International Analysis of Industry Value Added Services:** Consultant for analyzing the development of value-added digital services in Japan
- **Indonesia's Agency for Strategic Industry Development (BPIS) and the Australian Centre for Automotive Management (University of South Australia):** Assisted in technology transfer, HR policy creation and corporate development for Indonesia's indigenous automobile development program

AWARDS, FELLOWSHIPS AND RESEARCH GRANTS

2020	7th Annual Award for Excellence in Leadership , Pepperdine University
2019	Pepperdine University Graziadio School of Business George Award , Recipients exemplify integrity, stewardship, courage, and compassion while enriching the ever-changing business world through their superior skills and entrepreneurial spirit.
2018	Certificate of Special Congressional Recognition , for workshop helping Asian Business Association in Orange County (equipping SMBs and non-profits address cyber risk)
2018	Pepperdine Graziadio 50th Anniversary Research Award . This was a grant for research in the area of CEO traits, risk and firm performance.
2017	Waves of Innovation Grant winner, Pepperdine University
2016	Golden Acorn Award , for legislative advocacy, Washington State PTSA
2011	Howard A. White Teaching Award , Pepperdine University
2011	Best Paper Award , International Conference on Services Management held in New Dehli, India
2007-2009	Denny Endowed Chair , Graziadio School of Business and Management, Pepperdine University
2005-2006	Rothschild Research Endowment This grant award is for research extending the boundaries of knowledge in the area of cross-cultural information systems security and ethics. The research objective is to discover what cultural lenses are embedded in the understanding of cyber ethics in the context of small and medium-sized businesses in Japan and China.
2004-2008	SAP University Alliance Program Grant This corporate grant sponsored by, SAP, a large multinational software company, was for a large scale multi-national research project requiring coordination of multiple partners in Japan and China. The project explored mobile technologies and web-applications in Small and Medium Enterprises in China and Japan.
2004-2005	Lilly Foundation/Pepperdine Voyager Project Grant The grant award was for the development of an online module in Information Systems Security and Ethics
2004	International Association of the Management of Technology Award

1999-2002 One of 30 international scholars to be recognized for significant and prolific research in the field of technology management
Research Grant, Ministry of Education, Japan
This research grant was co-authored with Prof. Chihiro Watanabe and colleagues from the International Institute of Applied Systems Analysis

CLASSES DEVELOPED AND TAUGHT (also faculty hired and mentored)

- **PhD and DBA students**
- **Executive MBA** (core class "Information Systems for Business Innovation with a focus on strategic decision-making in a digital world leveraging data)
- **Part-Time MBA** (core class "Information and Process Systems with a focus on evidence-based decision making and strategy formulation and execution using analytics)
- **Full-Time MBA** (core classes "Information Resources and Technology"; "Technology, Data, and Operations)
- **Digital Innovation Concentration** (core classes "Enterprise Architecture" and "Information Security")
- **Masters of Science in Applied Analytics Concentration** (classes "User Behavior Analytics" and "Social Media Analytics")
- **Executive Education** (helped develop the **Applied Analytics Certification** and **Cyber Risk Professional Certification** including the ongoing oversight of a curricular board for ongoing curricular calibration and direct connection to industry)

PEER REVIEWED PUBLICATIONS

JOURNAL PUBLICATIONS

- 1) C. Griffy-Brown, H. Miller, V. Zhao, D. Lazarikos and M. Chun (2020), "**Making Better Risk Decisions in a New Technological Environment**," in IEEE Engineering Management Review, vol. 48, no. 1, pp. 77-84.
- 2) Chun, M., Griffy-Brown, C., & Sung, K., "**One Country, Three Types of CIOs: The Emergence of Technology Executives in China**". Journal of Information Technology Management, 30(4), May 2020.
- 3) Fox, S., Griffy-Brown, C., Dabic, M. (2020). "**From socio-technical systems to biosocial technical systems: New themes and new guidance for the field of technology in society**." Technology in Society, 62 (2), 1-5.
- 4) Griffy-Brown, C. & Chun, M., "**Avoiding Bias and Identifying Risk when Deploying Artificial Intelligence: What Business Leaders Need to Know**," Graziadio Business Review, 23(1), May 2020.
- 5) Griffy-Brown, Miller, H., Zhao, V., Lazarikos, D., Chun, M. (2019) **How Do We Optimize Enterprise Risk When Deploying Emerging Technologies?** IEEE, Temscon, June 12-14, Atlanta, GA.
- 6) Griffy-Brown, C, Chun, M. Miller, H, & Lazarikos, D (2020). "**Blockchain and Cyber Risk: Identifying Areas of Cyber Risk and a Risk-based Approach for Executives**." Palgrave Publishing, Matousek, R. and Pampella, M. Editors, Queen Mary University of London. Accepted: August 28, 2020.
- 7) Griffy-Brown, Lazarikos and Chun, M.S. (2019). **Emerging Technologies and Risk: How do we secure the Internet of Things (IoT) environment?**. *Journal of Applied Business and Economics*, 21 (2).
- 8) Griffy-Brown, C., Earp, B. and Rosas, O. (2018). **Technology and the Good Society**. *Technology in Society* , 52 (1), 1-5.

- 9) Miller, H. and Griffy-Brown, C. (2018). **Developing a Methodology for Assessing Cyber Risk for Business Leaders**. *Journal of Applied Business and Economics*, 20 (3), 100-114.
- 10) Griffy-Brown, Lazarikos and Chun, M.S. (2017). **Cybercrime Business Models: Developing an Approach for Effective Security against Better Organized Criminals**. *Journal of Applied Business and Economics*, 19 (8), 80-94.
- 11) Griffy-Brown, C. (2017). **The Changing Discourse of Technology in Society: Identifying Themes and Broader Questions**. *Technology in Society*, 49 (1), 4-8.
- 12) Griffy-Brown, Lazarikos and Chun, M.S. (2016). **How Do You Secure an Environment Without a Perimeter? Using Emerging Technology Processes to Support Information Security Efforts in an Agile Data Center**. *Journal of Applied Business and Economics*, 18 (1), 90-102.
- 13) Shanahan, D. E., Griffy-Brown, C. (2016). **Hardy Process Solutions: Lots of Data, But Little Insight** (Sage Business Case Digital Library). Thousand Oaks, CA: Sage Publications.
- 14) Griffy-Brown, C. C., Daim, T. (2015). **Infrastructure and service integration as a key process in technology management**. *Technology in Society*, 43(November 2015), 90-96.
- 15) Chun, M.S and Griffy-Brown, C. (2014) **The New Normal: Fundamental Shifts for 21st Century Organizations and for the CIOs Who Lead Them**. *Journal of Applied Business and Economics*, 26-40.
- 16) Griffy-Brown, C. C. (2013). **Biotechnology, Controversy, and Policy: Challenges of the Bioeconomy**. In Latin America. *Technology in Society*, 75- 162.
- 17) Griffy-Brown, C. C. (2013). **Technology in Society insights from Chinese and Islamic perspectives**. *Technology in Society*, 35(3), 162-164.
- 18) Griffy-Brown, C., Hooten, D. and Wambugu, F. (2013), **African Harvest Biotech Foundation International: Biotechnology and Information Technology Fighting Hunger in Africa**. Marketing Management and Strategy, Tesar and Kuada (eds). Rutledge, Oxford
- 19) **GLEAN: Social Learning for Business Students'. Transformation in Teaching: Social Media Strategies in Higher Education** (2012). Gautsch, S. and Griffy-Brown, C (2012). (ed. Cheal, Coughlin and Moore). *Informing Sciences Press. Santa Rosa, California. pp. 275-311.*
- 20) Watanabe, C., Shin, J., Heikkinen, J., Zhao, W., Griffy-Brown, C (2011). **New functionality development through follower substitution for a leader in open innovation**. *Technological Forecasting and Social Change, Volume 78, Issue 1, January 2011, Pages 116-113.*
- 21) Griffy-Brown, C. (2011). **Supporting the emergence of women's entrepreneurship: Regulatory, institutional and technological changes in Japan**. *International Journal of Gender and Entrepreneurship*, Vol. 3 Issue 1, pp.75 –78.
- 22) Griffy-Brown, C., Chun, M.W.S and Koepfel, H. (2011). **Using Customer-Facing Technology to Create New Business Value: Insight from the Public and Private Sector into the Changing Value Equation**. *Journal of Technology Management for Growing Economies*, Volume 2, Number 2, October 2011
- 23) Liu, X., Zhu, B., Zhou, W., Hu, S., Chen, D., Griffy-Brown, C. (2011). **CO2 emissions in the calcium carbide industry: An analysis of China's mitigation potential**. *International*

Journal of Greenhouse Gas Control;5(5):1240-1249.

- 24) Zhou, W., Zhu, B., Chen, D., Griffy-Brown, C., Ma Y. and Fee, W. (2011). **Energy Consumption Patterns in the Process of China's Urbanization**. *Population and Environment*, March 20, 2011.
- 25) Zhou, W., Zhu, B., Li, Q., Ma, T., Hu, S., and **Griffy-Brown, C.** (2010). **CO₂ emissions and mitigation potential in China's ammonia industry** (2010). *Energy Policy*, 38 (7), 3701-3709.
- 26) Zhu, B., Zhou, W., Hu, S., Li, Q., Griffy-Brown, C and Jin, Y. (2010). **CO₂ emissions and reduction potential in China's chemical industry**. *Energy*, Volume 35, Issue 12, pp 4663-4670.
- 27) Watanabe, C., Shin, J., Akaike, S., and Griffy-Brown, C., (2009). **Learning and assimilation vs M&A and innovation: Japan at the crossroads**. *Technology in Society*, Volume 31, Issue 3, August, 2009, pp. 218 -231.
- 28) M. Nakagawa, C. Watanabe and C. Griffy-Brown (2009). **Changes in the Technology Spill over Structure due to Economic Paradigm Shifts: A Driver of the Economic Revival in Japan's Material Industry beyond the Year 2000**, (2009), *Technovation*, Volume 29, Issue 1, January 2009, pp. 5-22.
- 29) Zhao, W., Watanabe, C., and Griffy-Brown, C. (2009). **An Exploration of Competitive Advantage in an Industry Cluster with in Local Institutional Systems: The Case of Dalian Software Park in China**, *Technology in Society*, Volume 31, Issue 2, pp. 139-149.
- 30) Chun, M.W.S and Griffy-Brown, C. (2008). **Weighing the trade-offs of knowledge management systems implementation: The case of Pratt-Whitney Rocketdyne**. (2008), *Journal of Information Technology Case and Application Research*, Volume 10, Issue 1, pp 14-29.
- 31) Griffy-Brown, C., Chun, M. W.S., (2008). **Hilton Hotels Corporation Self-Service Technology** (2008). Griffy-Brown, C., Chun, M. W.S. *Journal of Information Technology Cases & Application Research*, Volume 10, Issue 2, pp. 36-53.
- 32) Chen, C., Watanabe, C. & Griffy-Brown, C. (2007). **The co-evolution process of technological innovation- An empirical study of mobile phone vendors and telecommunication service operators in Japan**. *Technology in Society*, Volume 29, Issue 1, pg 104-120.
- 33) Griffy-Brown, C. and Chun, M. (2007) **Aligning Business Strategies and IS Resource Utilization: A Resource-Based View of Establishing Dynamic Capabilities in Japanese SMEs**. *Journal of Global Information Technology Management*, Volume 10, Issue 3.
- 34) Chun, M.S., Montealegre, R., and Griffy-Brown, C. (2007). **Leveraging the Sales Force with Portal Technology at the American Subsidiary of a Japanese Motor Company**, *Communications of the Association of Information Systems Journal*, Volume 20, pp. 393-408.
- 35) **Griffy-Brown, C.** (2004). **Just-in-Time to Just-in-Case: Managing Supply Chain in Uncertain Times**. *Journal of Supply Chain Management*, Vol. 1, No. 1, 36-46.
- 36) Chihiro Watanabe, Reiko Kondo, Noritomo Ouchi, Haihong Wei, Charla Griffy-Brown (2003). **Institutional elasticity as a significant driver of IT functionality development**. *Technology Forecasting and Social Change*, Vol. 7, No.2.

- 37) C. Watanabe, A. Nagamatsu and C. Griffy- Brown (2003). **Behavior of Technology in Reducing Prices of Innovative Goods: An Analysis of the Governing Factors of Variance of PV Module Prices**, (2003) *Technovation* 23, No. 5, 423-436.
- 38) Charla Griffy-Brown and Mike Hamlin (2003). **'Experiential E-Learning as Mechanism for Creating Competency in Information and Security Systems.'** *Issues in Information Systems*, Volume 4, Issue 2.
- 39) M. Takayama, C. Watanabe and C. Griffy-Brown (2002). **'The Alliance Strategy as a Competitive Strategy for Successively Creative New Product Development,'** *Technovation* Vol. 22, Issue 10, 607-614.
- 40) Takayama, C. Watanabe and C. Griffy-Brown (2002). **'Remaining Innovative without Sacrificing Stability: An Analysis of Strategies in the Japanese Pharmaceutical Industry that Enable Firms to Overcome Inertia Resulting from the Successful Market Penetration of New Product Development,'** *Technovation*, Vol. 22, No.12, 747-759.
- 41) Chihiro Watanabe, Makoto Takayama, Akira Nagamatsu, Takashi Tagami and Charla Griffy-Brown (2002). **'Technology Spillover as a complement for High-level R&D Intensity in the Pharmaceutical Industry'**, , *Technovation*, Vol. 22, Issue 4, Pages 245-258.
- 42) **"R&D, Technology Spillovers and Knowledge Management: The Changing Dynamics of Techno-economic Systems Beyond 2000."** *Special Edition of the International Journal of Technology Management*. Eds. Charla Griffy-Brown and ChihiroWatanabe, Vol. 23, Issue 1.
- 43) Charla Griffy-Brown, Bing Zhu, Akira Nagamatsu and Chihiro Watanabe (2002). **'Technology Spillovers and Economic Vitality: An Analysis of Institutional Flexibility in Japan with Comparisons to the US,'** (2002). *International Journal of Technology Management*, 23, No. 1.
- 44) K. Matsumoto, N. Ouchi, C. W atanabe and C. Griffy-Brown, (2002). **"Optimal Timing of the Development of Innovative Goods with Generation,"** *Technovation* 22, No. 3, 175-185.
- 45) Charla Griffy-Brown, Chihiro Watanabe and Kenzo Fujisue (1999). **'Technology Spillovers and Informatization in Japan: An Analysis of IT Diffusion in Large versus Small and Medium- sized Enterprises.'** (1999), *International Journal of Technology Management*, Vol. 17, No. 4, pp. 362-389.
- 46) C. Watanabe, B. Zhu, C. Griffy-Brown and B. Asgari (2001), **'Global Technology Spillover and Its Impact on Industry's R&D Strategies,'** *Technovation* 21, No. 5 281-291.
- 47) C. Watanabe, K. Matsumoto and C. Griffy-Brown (2001), **'Development and Diffusion Trajectory of Innovative Products in light of Institutional Maturity- a comparative empirical analysis of the laser beam printer and optical cards,'** *Technovation*, No. 21, Issue 10, 637-647.
- 48) C. Watanabe, Y. Tsuji and C. Griffy-Brown, (2001). **'Patent Statistics: Deciphering a Real versus a Pseudo Proxy of Innovation,'** *Technovation*, Vol. 21, No. 12, Pages 783-790.
- 49) Koji Wakabayashi, Charla Griffy-Brown, Chihiro Watanabe (1999). **'Stimulating R&D: An Analysis of MITI's 'Visions' and Current Challenges Facing Japan's Technology Policy-Making Mechanisms.'** (1999), *Science and Public Policy*, Vol. 26, No. 1, pp. 2-16.

- 50) **Charla Griffy-Brown, Karl Knapp, and John Humphreys (1994). 'The Cape York Space Port: Lessons in Sustainable Strategic Advantage.'** *Space Commerce*, Vol. 2., pp 20-46.

PEER REVIEWED BOOK CHAPTERS

- 51) **'Institutional "Embeddedness", Networks and China's IT Industry: An Analysis of Dalian Software Park.'** (2013). Charla Griffy-Brown, Weilin Zhou, Chihiro Watanabe, Yuji Tou. *The Economic Geography of the IT Industry in the Asia-Pacific Region*, eds. Philip Cooke, Glenn Searle, Kevin O'Conner, Routledge, New York.
- 52) **'Information Technology and Changing Institutional Systems as They Shift from an Industrial to an Information Society: An Initial Comparative Analysis of the USA, Japan, and China,'** (2009), Charla Griffy-Brown, Bing Zhu and Jianbin Jin, **Technological Innovation Across Nations Applied Studies of Coevolutionary Development**, M. V. Van Geenhuizen, et. al (eds). Springer-Verlag, Berlin.
- 53) **A Case Study of Effectively Implemented Information Systems Security Policy,'**(2006), Charla Griffy-Brown and Mark Chun, **Enterprise Information Security and Assurance**, Warkentin and Vaughn (eds), IGI Publishing.
- 54) **'From Vision to Reality: A Model for Bringing Real-World Technology To The Management Education Classroom.'** (2003) Mike Hamlin, Charla Griffy-Brown and Jim Goodrich **Educating Managers Using Tomorrow's Technologies**, Charles Wankel, Editor.
- 55) **'Inter-Firm Technology Spillover and the 'Virtuous Cycle' of Photovoltaic Development in Japan,'** (2002) Watanabe, C., Griffy-Brown, C., Zhu, B and Nagamatsu, A, **Technological Change and the Environment**, Eds. Grubler, Nakicenovic and Nordhaus, Resources for the Future, Washington D.C.
- 56) **'Inter-firm Technology Spillover and the Creation of a 'Virtuous Cycle' between R&D, Market Growth and Price Reduction: The Case of Photovoltaic Power Generation (PV) Development in Japan'**, (2000) Chihiro Watanabe and Charla Griffy-Brown, **Resources for the Future**, International Institute of Applied Systems Analysis and the International Energy Agency, Laxenburg, Austria
- 57) **'Slow-Track Development and Its Implications for Strategic Energy Decisions in the Asia- Pacific Region.'** (1999) **Charla Griffy-Brown**, *Agenda for International Development 1999: Harnessing Globalization*, ed. Takahashi Kazuo (*English and Japanese*), Foundation for Advanced Studies on International Development.
- 58) **'Models of Acquisition and Preference.'** Michael Commons, Charla Griffy, Ed Trudeau, and Eric Bing. ***Neural Network Models of Conditioning and Action***. Lawrence Erlbaum Associates Publishers: Hillsdale, N.J., pp. 201-223, 1991.

OTHER PEER REVIEWED PUBLICATIONS

- 59) **'Women Entrepreneurship: there are indications of global changes in venture businesses in Japan'** (2007). Griffy-Brown, C. and Oakland, *Graziadio Business Report*, Vol. 10, Issue 1.
- 60) **Will Your Company's Electronic Records Storage Withstand Legal Scrutiny?** (2005)_ Charla Griffy-Brown, Stephani Bodo and Linnea McCord. *Graziadio Business Report*. Vol.8, No. 1.
- 61) **Wired! Hong Kong, China and Japan Flex their Electronic Muscles.** (2004). Mark Chun. and Charla Griffy-Brown *Graziadio Business Report*, Vol. 7, No. 1.

- 62) **'Small Firms Keep R&D Vibrant: Stay competitive despite limited resources'** (2002).
Charla Griffy-Brown, *The Graziadio Business Report*, Winter 2002.
<http://bschool.pepperdine.edu/gbr/index.html>.
- 63) **'Knowledge Management and Business Portals: Choosing the right tools and ensuring a smooth deployment'** (2001) Charla Griffy-Brown and Scott Fletcher, *The Graziadio Business Report*, Spring 2001. <http://bschool.pepperdine.edu/gbr/index.html>.
- 64) **'Do Japan's High Tech Failures Open Doors for Western Firms?'** (2000) Charla Griffy-Brown, Bing Zhu and Chihiro Watanabe, *The Graziadio Business Report*, Summer 2000.
<http://bschool.pepperdine.edu/gbr/index.html>.
- 65) **'Knowledge Management and the Internet: Harnessing the Power of Search Engines.'**
Charla Griffy-Brown. *The Graziadio Business Report*, Winter 2000.
<http://bschool.pepperdine.edu/gbr/001/search.html>
- 66) **'Globalization and the Political Discourse of Science and Technology in Development: An Analysis of China and India's Space Technology Experiences'**, (1999) Charla Griffy-Brown, Occasional Paper No. 14, (*in English and Japanese*), Foundation for Advanced Studies in International Development.
- 67) **'Australia Explores Expanding Opportunities in Commercial Space Development.'**
a. Charla Griffy-Brown. *Roundtable Research Quarterly*. Washington, D.C., Vol 3., 1994.
- 68) **'Chinese Satellite Development Contributes to China's Educational System and Land Resource Management.'** Charla Griffy-Brown. *Roundtable Research Quarterly*. Washington, D.C. , Vol. 2., 1993.
- 69) **'Inter-firm Technology Spillover and the Creation of a 'Virtuous Cycle' between R&D, Market Growth and Price Reduction: The Case of Photovoltaic Power Generation (PV) Development in Japan'**, (1999) Chihiro Watanabe and Charla Griffy-Brown, International Greenbook Proceedings from the International Workshop on Technological Change and the Environment, International Institute of Applied Systems Analysis, Laxenburg, Austria, 21-22 June 1999.
- 70) **'Trends in US Technological Economic Development: IT Spillovers, Technology Standards, and Demand Management.'** Charla Griffy-Brown, International Technology Metabolism Committee Report, *Fujitsu Research Institute*, 1998.
- 71) **'Elucidating the Role of Demand Dynamics and the Evolution of the Marketplace on Technological Economic Development.'** Charla Griffy-Brown, International Technology Metabolism Committee Report, *Fujitsu Research Institute*, 1998.
- 72) **'Critical Factors Driving Strategic Asia-Pacific Space Technology Development,'** Charla Griffy-Brown. *4th Australian Space Development Conference Proceedings*, Canberra, Australia, 28 March 1996.
- 73) **'Competition versus Cooperation in Asia-Pacific Space-Based Telecommunications.'**
Charla Griffy-Brown. *Strengthening Cooperation in the 21st Century*. Advances in Astronautical Sciences Series. American Astronautical Society, Univelt Corp., 1995

- 74) **'An Analysis of Space Policy and Technology Management Strategies in China and Japan.'** Charla Griffy-Brown and Gordon Pike. *Satellite Communications*. Proceedings of the Ninth National Space Engineering Symposium, Institute of Engineers, Australia, 1994.

BOOKS:

- 75) **Women, Technology and Entrepreneurship: Global Case Studies**. Vinnie Jauhari and Charla Griffy-Brown, Editors. Reference Press. New Dehli, 2009.
- 76) **Knowledge-based Economic Growth and Socio-political Implications in East Asia**. Ed. Ng Chee Yuen and Charla Griffy-Brown. Foundation for Advanced Studies in International Development, 2001. (in English and Japanese)
- 77) **Socio-Economic Changes and Political Trends in East Asia**. Ed. Ng Chee Yuen and Charla Griffy-Brown. Foundation for Advanced Studies in International Development, 2000. (in English and Japanese)
- 78) **Trends and Issues in East Asia**, ed. Ng Chee Yuen and Charla Griffy-Brown, Foundation for Advanced Studies in International Development, Japanese Ministry of Foreign Affairs, 1999. (in English and Japanese)
- 79) **'Technology, Power and Strategic National Decisions: Space Industry Development in the Asia-Pacific Region.'** PhD dissertation, Griffith University, Queensland, Australia, 1997.

COMMISSIONED AND PEER REVIEWED POLICY REPORTS

1. **'Globalization, Information Systems and Environmental Sustainability in East Asia: A Policy Making Framework and Regional Case Studies,'** (2000) Charla Griffy-Brown. Prepared for the Japanese Ministry of Foreign Affairs, Government of Japan (*in English and Japanese*), Foundation for Advanced Studies on International Development.
2. **'Globalization and the Changing Realities of Donor Coordination'**, (1999) Charla Griffy-Brown. Prepared for the Ministry of Foreign Affairs, Government of Japan. (*in English and Japanese*)
3. **'Inter-firm Technology Spillover and the Creation of a 'Virtuous Cycle' between R&D, Market Growth and Price Reduction: The Case of Photovoltaic Power Generation (PV) Development in Japan'**, (1999) Chihiro Watanabe and Charla Griffy-Brown, International Greenbook Proceedings from the International Workshop on Technological Change and the Environment, International Institute of Applied Systems Analysis, Laxenburg, Austria, 21-22 June 1999.
4. **'Trends in US Technological Economic Development: IT Spillovers, Technology Standards, and Demand Management.'** Charla Griffy-Brown, International Technology Metabolism Committee Report, *Fujitsu Research Institute*, 1998.
5. **'Elucidating the Role of Demand Dynamics and the Evolution of the Marketplace on Technological Economic Development.'** Charla Griffy-Brown, International Technology Metabolism Committee Report, *Fujitsu Research Institute*, 1998.
6. **'Critical Factors Driving Strategic Asia-Pacific Space Technology Development,'** Charla Griffy-Brown. *4th Australian Space Development Conference Proceedings*, Canberra,

Australia, 28 March 1996.

7. **'Australia Explores Expanding Opportunities in Commercial Space Development.'** Charla Griffy-Brown. *Roundtable Research Quarterly*. Washington, D.C., Vol 3., 1994.
8. **'Chinese Satellite Development Contributes to China's Educational System and Land Resource Management.'** Charla Griffy-Brown. *Roundtable Research Quarterly*. Washington, D.C. , Vol. 2., 1993.
9. **'Competition versus Cooperation in Asia-Pacific Space-Based Telecommunications.'** Charla Griffy-Brown. *Strengthening Cooperation in the 21st Century*. Advances in Astronautical Sciences Series. American Astronautical Society, Univelt Corp., 1995
10. **'An Analysis of Space Policy and Technology Management Strategies in China and Japan.'** Charla Griffy-Brown and Gordon Pike. *Satellite Communications. Proceedings of the Ninth National Space Engineering Symposium*, Institute of Engineers, Australia, 1994.

PEER REVIEWED CONFERENCE PROCEEDINGS AND INVITED LECTURES

1. Griffy-Brown, C., Lazarikos, D., Chun, M. (2019) **Artificial Intelligence and Cyber Risk: How Do We Optimize Risk in Enterprise Architecture when Deploying Emerging Technologies?** PICMET, Aug 25-29, Portland, Oregon.
2. Griffy-Brown, C., Miller, H. A., Zhao, V., Lazarikos, D. Chun, M. W. S. (2019), "Emerging Technology and Risk: How Do We Optimize Enterprise Risk When Deploying Emerging Technologies?", IEEE TEMSCON 2019, Atlanta, Georgia, June 13, 2019.
3. Griffy-Brown, C. C., (2019). "AI, Analytics & Automation RISK: The goal isn't to minimize, it's to OPTIMIZE", Microsoft IMPACT, US - Nationally broadcast at Microsoft Stores. November 14, 2019.
4. Griffy-Brown, C. C., (2019). "AI, Analytics & Automation RISK: The goal isn't to minimize, it's to OPTIMIZE", IMA IMPACT, Las Vegas, Nevada September 29, 2019.
5. Griffy-Brown, C. C. (2019). "The Importance of Divergent and Diverse Thinking in Evaluating and Dealing with Cyber Risk", , LA CyberLabs, Los Angeles, CA, September 17, 2019.
6. Griffy-Brown, C. C., (2019). "My Experiences Gaining a Board Seat", Center for Women and Leadership Pepperdine University - Workshop on Women in the Boardroom, WLA Campus, Corporate Citizenship, Executive education course creation. August 2019.
7. Griffy-Brown, C. C. (2019). "Cybersecurity 101 for Small and Medium-Sized Businesses", , Asian Small Business Association of Irvine - Innovation Conference, Irvine, CA, August 15, 2019.
8. "Technology and the Good Society: Emerging Risks and Opportunities", Griffy-Brown, C. C., Ivey Executive Education Webinar, ONLINE, Core Values: Stewardship, Responsibility, Compassion, Executive education course creation. July 2019.
9. Griffy-Brown, C (2019). "Academic Publishing in the 21st Century: Lessons Learned from Technology in Society", Panelist, IEEE TEMSON 2019, Atlanta, Georgia. June 13, 2019.
10. Griffy-Brown, C (2019). "Exciting Opportunities and Ethical Challenges in AI", Temple Israel - Looking Beyond Community Series, Long Beach, CA. March 21, 2019.
11. Griffy-Brown, Lazarikos, Chun, M. (2018). "Agile Business Growth and Cyber Risk: How do we secure the Internet of Things Environment?" Temscon, IEEE, June 27- 29,

Evanston, Illinois.

12. Griffy-Brown, C. (2018). "Building your Leadership in Cyber Risk: What Board Members Should Do and Questions You Should Ask." Women in the Boardroom, June 26, 2017.
13. Griffy-Brown (2018). "Cybersecurity 101 for Small and Medium-Sized Businesses". Asian Orange County Business Association. Anaheim, CA. May 11, 2018.
14. Chun, M., Griffy-Brown, C., Hall, O., & Krogh, E. (2018). *The Diffusion of Digital Innovation Technologies For Predictive Analytics: The Next Steps For Leveraging Corporate Data Resources*, National Business and Economics Society conference. Honolulu, HI, January 2018.
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90. 'Competition versus Cooperation in Asia-Pacific Space Based Telecommunications', Charla Griffy-Brown, The American Astronautical Society's Sixth International Space Conference of Pacific Basin Societies, Los Angeles, California, December 6-9, 1995.
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93. 'An Analysis of Space Policy and Technology Management Strategies in China and Japan: Australian Opportunities in Space Technology,' Charla Griffy-Brown, The Australian Institute of Engineers' Ninth National Space Engineering Symposium, Sydney, Australia, September 5-7, 1994.

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