

Dr. Charles P. Martin-Shields, PhD

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Personal Data

Birthdate: 04.12.1982

Birthplace: Rochester, NY, USA

Marital Status: Unmarried

Citizenship: United States

Education

Aug 2011-Aug 2016 *George Mason University, Arlington, VA, USA*
PhD, Conflict Analysis and Resolution
Specializations: Technology Policy, International Organizations, Methodology

Jan 2008-Aug 2010 *American University, Washington, D.C. USA*
MA, International Affairs
Specializations: International Peace and Conflict Resolution, Development Statistics

Aug 2003-May 2005 *American University, Washington, D.C. USA*
BA, German Studies
Specializations: German Literature, 20th Century German Politics

Professional Experience

Apr 2017-Present *Researcher (TVöD-14) Deutsches Institut für Entwicklungspolitik, Bonn, Germany*
-Team member working on a multi-year German Ministry for Development Cooperation-funded scientific project on the causes of forced migration.
-Along with scientific and peer-reviewed research, drafting and providing policy reports to donors on the research findings.
-Drafting media-friendly editorial and analysis on development issues, as well as participating in Institute social media outreach.

Aug 2016-Apr 2017 *Consultant, International Security and Development Center, Berlin, Germany*
-Contributing author/editor on Food and Agriculture Organization (FAO) funded econometric research report on the mutual links between food security, hunger, and conflict.
-Analyzed the role of food security in state fragility using multiple data sources and cross-country statistical analyses
-Co-author with Drs. Tilman Brück and Patricia Justino on “Conflict and Development: Recent Research Advances and Future Agendas” report for UNU-WIDER

Aug 2016-May 2017 *Visiting Scholar, School for Conflict Analysis and Resolution, Arlington, VA, USA*
-Completing three publications for peer review based on dissertation results; articles include statistical analysis of empirical survey data, analysis of technology and economic development, and new article on technology and peacekeeping

Feb 2015-June 2016 *Consultant, World Bank Group; Washington, D.C. USA*

- Consulting on telecommunications and mobile money policy research and statistics;
- Co-author, "Poverty and Social Impact Analysis of Southern Africa Mobile Financial Services: Botswana and Lesotho:" Report on e-money and telecommunications markets in Southern Africa;
- Cleaned and analyzed original survey data from Lesotho on mobile money uptake and economic behavior.
- Performed statistical and geographic analysis of survey data to identify trends in mobile money that were most policy relevant for Central Bank of Lesotho regulators.

Mar 2015-Mar 2016 *Research Fellow, Institute for Economics and Peace; Sydney, Australia*

- Co-authored statistical research projects, including the 2015 Global Peace Index;
- Provided expert input to policy development processes with the U.S. National Security Council on ceasefire monitoring in Syria, and UNDP Sudan Office focusing on economic development and migration in Sudan and Eritrea;
- Presented research on good governance, regulatory reform and human security at the American University of Sharjah School of Business;
- Managed statistical databases and developed data visualizations using R Mathematical software.

Aug 2013-Jun 2014 *Fulbright Public Policy Fellow; Apia, Samoa*

- Seconded to the Samoan Ministry for Communications and Information Technology;
- Advised on cyber security, disaster information management and telecommunications regulatory policy;
- Provided briefings to cabinet-level audiences and U.S. embassy staff on technology policy;
- Gave papers on Pacific region technology policy issues at the International Studies Association meeting and the Federal Polytechnic Institute Lausanne.

Feb 2011-May 2013 *Program Director, TechChange Inc; Washington, D.C. USA*

- Provided consulting and training services to U.S. government and UN clients on the role of technology and big data for conflict management and peacekeeping;
- Developed training programs on telecommunications and technology issues in developing countries for clients;
- Drafted analyses and white papers on the state of technology access and use in emerging markets and conflict-affected countries.

Apr 2008-Feb 2011 *Research Assistant, U.S. Institute of Peace; Washington, D.C. USA*

- Developed analysis and training programs for U.S. government and UN clients on conflict and violence prevention, peacekeeping, and humanitarian assistance policy;
- Participated in cooperative training programs with the Zentrum für Internationale Friedenseinsätze (ZIF) in Berlin during Summer 2009;

Oct 2005-Aug 2007 *Volunteer, U.S. Peace Corps, Apia, Samoa*

Peer-reviewed Publications

2017 "Peace Durability, ICTs and Peacekeeping: Technology investments and post-conflict economic growth through peacekeeping operations," with Nicholas Bodanac. *International Peacekeeping (Forthcoming)*

2017 "Towards a People Centred Early Warning and Disaster Response System in Samoa: The Use of ICT by Samoans During Disaster." *The Electronic Journal of Information Systems in Developing Countries*. 81(2) 1-18
With Ioana Chan Mow, Hobert Sasa, and Lealaolesau Fitu.

2017 "Peace Tech: The Liminal Spaces of Digital Technology in Peacebuilding." With Pamina Firchow, Roger Mac Ginty and Atalia Omer. *International Studies Perspectives*. Forthcoming

2016 “Communicating Stability: Managing the regulatory process to get the most out of communication infrastructure in post-conflict settings.” *Business, Peace and Sustainable Development*. 16(7) 50-65

2014 “Smart Phones and Social Bonds: Communication Technology and Interethnic Cooperation in Kenya.” with Elizabeth Stones. *The Journal of Peacebuilding and Development*. 9(3) 50-64

2013 “Interethnic Cooperation Revisited: Why mobile phones can help prevent discrete events of violence, using the Kenyan Case study.” *Stability: International Journal of Security and Development*. 2(3) article #58

2013 “The Technologist’s Dilemma: Ethical Challenges of Using Crowdsourcing Technology in Conflict and Disaster-Affected Regions.” *Georgetown Journal of International Affairs*. 14(2) 135-141

Technical Policy Publications

“Conflict and Development: Recent Research Advances and Future Agendas.” With Tilman Brück and Patricia Justino. UNU-WIDER Working Paper 178/2017

“Digitalization and Flight: how can donors leverage digital technologies to support refugees?” DIE Briefing Paper 18/2017

“Mehr Entwicklung – mehr Migration? Der “migration hump” und seine Bedeutung für die entwicklungspolitische Zusammenarbeit mit Subsahara-Afrika.” DIE Analysen und Stellungnahmen 15/2017 (cross-published as a SWP Aktuell) September 2017. With Dr. Steffen Angenendt and Dr. Benjamin Schraven

Editorial and General Audience Publications

“Gründe, um zu bleiben.” *Frankfurter Rundschau*, September 7, 2017

“Fluchtursachenbekämpfung beim G20-Gipfel: Alternativen zur Flucht nach Europa müssen her.” *Huffpost DE*, July 7, 2017 with Dr. Eva Dick

“Gute Regierungsführung, gute Arbeitsbedingungen und ein guter Global Compact on Migration.” *Die aktuelle Columne*, July 3, 2017

“Global Peace Index 2015.” *Institute for Economics and Peace* June 2015 (contributor)

“Proving (Digital) Peace.” *Building Peace Forum*. Issue 5, March 2015.
<http://buildingpeaceforum.com/2015/03/proving-digital-peace/>

“GDELT Global Dashboard: Big data for conflict resolution and peacebuilding.” *Insight on Conflict*. September 19 2014. <http://www.insightonconflict.org/2014/09/gdelt-global-dashboard/>

“ICTs in conflict early warning - possibilities and challenges.” *Insight on Conflict*. July 11, 2014.
<http://www.insightonconflict.org/2014/07/icts-conflict-early-warning-possibilities-challenges/>

Awards and Fellowships

Chancellor’s Dissertation Completion Grant, George Mason University, Spring 2016

Finalist, Chancellor Fellowship, Alexander von Humboldt Stiftung, 2015

Fulbright-Clinton Public Policy Fellowship, 2013-2014

Gandhi Memorial Scholarship, American University, Spring 2010

Skills

Languages: English (mother tongue), German (conversant), French (elementary)

Operating Systems: Apple OS and Microsoft Office

Software Languages: STATA, R Mathematical, SPSS, Wordpress, GitHub