

# CURRICULUM VITAE

## Dr. Kleinsy Bonilla

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**Research Gate:**

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### Summary

Kleinsy Bonilla holds a PhD in Political Science, on International Development Cooperation, a research interest she has pursued since 2015. Her other research interests and teaching specializations include Science Diplomacy, Science and Technology Capacity Building in developing countries, as well as international cooperation in higher education. Since 2009 she was appointed as member of the Directive Board of the Guatemala Institute for the Development of Higher Education INDESGUA, where she is also conducting her own research on women in science and other topics within the field of S&T policies. She also holds the position of Visiting Scholar affiliated to the Institute of Geosciences, Department of Science and Technology Policies, University of Campinas UNICAMP, São Paulo, Brazil.

### Qualifications

2019 | **Postdoctoral Research Program (Science and Technology Policy)**  
*S&T Capacity Building in Scientifically Lagging Countries* |  
University of Campinas – UNICAMP - Brazil

2015 | **PhD (International Development Cooperation)**  
*Effectiveness of donor Support for Capacity Development: A Study of Overseas Postgraduate Education* | Kyung Hee University – Republic of Korea

2008 | **Master of Arts (International Trade and Economic Cooperation)**  
*Relevance of The Glass Ceiling Theory to Explain Gender Differences in the Korea Labor Force* | Kyung Hee University – Republic of Korea

2005 | **BA Law and Social Sciences**  
San Carlos of Guatemala University – USAC – Guatemala

1998 | **Vocational Degree in Teaching of Primary Education**  
Ministry of Education – MINEDUC- Guatemala

## Research and Teaching Interests

Science Diplomacy  
Engaging Scientific Diasporas for Development  
S&T International Cooperation  
Multidisciplinary Studies in Science, Technology and Innovation  
Science, Technology and Society, Social Studies of Science  
Science and Technology Capacity Building in Developing Countries  
S&T Capacity Building  
Technological change and economic development  
Science and Technology policy monitoring and evaluation  
Gender and Science  
International Cooperation in Higher education

## Other Relevant Training and Education

2020 | [International School on the Challenges of Development in Latin America](#)  
University of Campinas – UNICAMP – Brazil  
Institute of Economics – November 23-27

2020 | [High Level Training in Science Diplomacy](#)  
The World Academy of Science – American Association for the  
Advancement of Sciences TWAS-AAAS September 21-24

2020 | [Summer School of Science and Innovation Diplomacy InnSciD](#)  
University of Sao Paulo USP – August 3-7

2020 | [Warsaw Science Diplomacy School](#)  
Inventing a Shared Science Diplomacy for Europe, European Diplomacy  
Academy – June 22-26

2019 | [Diploma Technology Upgrading and Catching Up in Latin America](#)  
UNICAMP University of Campinas – FAPESP Research Sao Paulo (July)

2018 | [Diploma Latin American Advanced Program on Rethinking Macro and  
Development Economics LAPORDE](#)  
FGV Sao Paulo School of Economics, Oxford University (Jan 08-12)

2017 | [Diploma Macroeconomic Realities in Latin America](#)  
Inter-American Development Bank, Verified Sept-October (6 weeks)

2016 | [Summer School on Latin American Economics](#)  
Economic Commission for Latin America and The Caribbean ECLAC, Santiago  
de Chile July-September (12 weeks)

2009 | [Diploma E-Government](#)  
Korea International Development Cooperation Agency KOICA March-April (3  
weeks)



## Research Experience

University of Campinas UNICAMP – Institute of Geosciences IG, Department of Science and Technology Policy DPCT – Campinas, Sao Paulo - Brazil  
January 2021–present | **Visiting Scholar**

University of Campinas UNICAMP - School of Applied Sciences FCA – Brazil  
March 2018-July 2019 | **Postdoctoral Researcher**

Kyung Hee University – Graduate School of Pan-Pacific International Studies GSP  
August 2014-February 2015 | **Researcher Assistant**

Ministry of Culture and Sports MICUDE – UNESCO Guatemala – Context of Youth and Public Policies in Guatemala  
February 2001-December 2003 | **Researcher Assistant**

## Teaching Experience

**2017–2020 | Lecturer – University of Campinas – UNICAMP São Paulo, Brazil**

Department of Science and Technology Policy DPCT – Institute of Geosciences  
School of Applied Sciences FCA

Course: CT017 – Science and Technology Policy Analysis – Graduate Program in STI Policy

Course: CH002 – Relation State-Society in the Contemporary World – Interdisciplinary Graduate Program in Humanities and Social Sciences

**2010–2012 | Lecturer –Kyung Hee University – Global Campus Suwon, Republic of Korea**

College of Foreign Languages & Literature

Latin American Studies, Spanish Language, Korea-Latin America Relations, International Trade

**2008–2009 | Lecturer –Rafael Landivar University, Guatemala City**

Civil, Commercial and Procedural Law

**2005–2006 | Lecturer –San Carlos of Guatemala University, Chiquimula, Guatemala**

History of Law, Logic and Philosophy of Law

## Professional Experience

-Embassy of the Republic of Korea in Chile, Economy Team – *Santiago de Chile*  
February 2015–June 2017 | **Special Advisor, Science, Technology and Energy Advisor**

-Embassy of Ecuador in Korea – Seoul

May 2013–July 2014| **Specialist in Science and Technology Transfer and Higher Education Cooperation**

-Korea International Development Cooperation Agency KOICA – Guatemala City  
May 2008–June 2009| **Coordinator of International Development Cooperation Projects**

-Guatemala Attorney General of the Nation – Guatemala City

June 2005–December 2006| **Chief of the Interdisciplinary Team, Regional Office for North East**

-Umaña, Umaña & Associates – Law Firm – Guatemala City

January 2003–February 2004| **Public Notary Assistant**



## Research outputs

### Peer- reviewed publications

- Bonilla, K.**, Serafim, M. and Bamaca-Lopez, E. (2021) Science Diplomacy in Ecuador: Political Discourse and Practices between 2007-2017. *Frontiers in Research and Analytics*. <https://www.frontiersin.org/articles/10.3389/frma.2021.656969/abstract>
- Bonilla, K.**; Cabrera, J.; Calles-Minero, C.; Torres-Atencio, I.; Aquino, K.; Renderos, D.. and Alonzo, M. (2021). Participation in Communities of Women Scientists in Central America: Implications from the Science Diplomacy Perspective. *Frontiers in Research Metrics and Analytics*. <https://www.frontiersin.org/articles/10.3389/frma.2021.661508/abstract>
- Salles-Filho, S., Bin, Adriana, **Bonilla, K** Collugnati, F. (2021) Effectiveness by Design: overcoming orientation and transaction related barriers in research-industry linkages. *Brazilian Journal of Contemporary Administration*. Vol 25 (5), <https://rac.anpad.org.br/index.php/rac/issue/view/152>
- Bonilla, K.**, Serafim, M., Lugo, I. and Gitahy, L. (2019). Construcción de capacidades en Ciencia, Tecnología e Innovación en Guatemala, El Salvador y Honduras: ¿Cuáles capacidades y para qué? en *Ciencia, Tecnología y Sociedad*. Ed. Bámaca-López, E. and De la Vega, P. Pedro & João Editores. 77-111
- Bonilla, K.**, Salles-Filho, S. and Bin, A. (2018). Building Science, Technology, and Research Capacity in Developing Countries: Evidence from student mobility and international cooperation between Korea and Guatemala. *STI Policy Review*. Vol. 9 (1). 99-132 <https://www.koreascience.or.kr/article/JAKO201854860239087.pa1ff8ge>
- Bonilla, K.** and Serafim, M. P. (2018). Análises das políticas de formação de alto nível de capital humano em ciência e tecnologia na Guatemala: desafios e oportunidades. *Reflexiones Coyunturales Lationamericanas*. Pedro & João Editores. 189-217
- Bonilla, K.** and Kwak, J. S. (2015). Effectiveness of Donor Support for Capacity Development in Guatemala: A Study of Scholarship Provision for Overseas Postgraduate Education. *Iberoamericana*, 1, 293-344
- Bonilla, K.** and Kwak, J. S.. (2014). Challenges of Highly Educated Human Resources in Guatemala. *Asian Journal of Latin American Studies*, 27 (3), 17-43.

### Other publications

- Bonilla, K.** (2018) Construcción de Capacidades en Ciencia y Tecnología en Países Centroamericanos Retos y oportunidades para la Integración del Istmo. *Integración Económica Centroamericana en Un Mundo Globalizado*. BCIE: Ciudad de Guatemala. 9-15
- Bonilla, K.**, Lim, H.S and Figueroa, K. (2012). The Glass Ceiling Theory: Implications for Gender Inequalities in the Korean Labor Force. *Women and Language International Conference, Gender Issues in Translation*. Hankuk University of Foreign Studies



## Edited Special Issues

Bonilla, K.; Serafi, M.; Bamaca-Lopez, E. and Castaneda, A. (eds.). 2021. Science Diplomacy and Sustainable Development: Perspectives from Latin America. Research Metris and Analytics.

<https://www.frontiersin.org/research-topics/14588/science-diplomacy-and-sustainable-development-perspectives-from-latin-america>

## Chapters in peer-reviewed, volumes

**Bonilla, K** and Serafim, M. (2021) Relevance of Science, Technology and Innovation Diplomacy for STI Capacity Building in Central America: the cases of Guatemala, El Salvador and Honduras. in Governance of Science, Technology and Innovation: An overview of Latin-American Research. Pilgrim (forthcoming)

## Essay & posters presented at scholarly events

- **Bonilla, K.** and Lugo, I. (2021). Extended summary: Estudios Sociales de la ciencia y la Tecnología en Centro América: Estado del Arte y Perspectivas. ESOCITE-LALICS Latin America Association of Science, Technology and Society Studies. Montevideo – 19-23 April. 2021
- **Bonilla, K.** Serafim, M. and Bamaca-Lopez, E. (2021) Extended Summary: Diplomacia Científica em el Ecuador. Análisis del discurso político y prácticas en la década del 2007-2017. ESOCITE-LALICS Latin America Association of Science, Technology and Society Studies. Montevideo – 19-23 April. 2021
- **Bonilla, K.;** Castaneda, A. and Bamaca-Lopez, E. (2020) Essay: Scientific advice and municipal governments: management of the COVID-19 pandemic in cities of Bogota and Guatemala. International Network for Government Advice INGSA-Latin America and The Caribbean Chapter. <https://www.ingsa.org/chapters/ingsa-latin-america/activities/lac-2020-winners/>
- **Bonilla, K.** Serafim, M. and Lugo, I. (2019) – Atlanta Conference on Science and Innovation Policy, Georgia Institute of Technology – Scientific Work Force “Human Capacity Building in Central America: Challenges and Opportunities for Guatemala, El Salvador, Honduras”, Poster session

## Other research activities

### Fellowships and Awards

- 1<sup>st</sup>. BRICS Network University Winter School, Institute of Economics, UNICAMP August 2019
- First Prize Contest – Science and Technology in the Regional Integration of Central America Isthmus – March 2018- BCIE / SICA System for the Integration of Central America
- STEPI Fellowship Korea Science and Technology Policy Institute. 2018
- Fellowship Sao Paulo School of Economics, Getulio Vargas Foundation - Latin American Advanced Program on Rethinking Macro and Development Economics (VII) Laporde, 2018
- Scholarship School of Latin American Economies, ECLAC Economic Commission for Latin America and the Caribbean, 2016
- Global Leadership Scholarship, Office of International Affairs, Kyung Hee University, 2010-2013
- International Cooperation Scholarship, National Secretariat for Science and Technology of Guatemala, 2009
- Outstanding Role Model Award, Graduate School for Pan-Pacific International Studies, Kyung Hee University, Suwon, South Korea Aug. 2008
- International Scholarship for Master Degree, Korea International Development Agency –KOICA, South Korea, 2006-2008
- Fulbright Scholarship for Master Degree (declined) United States of America, 2006
- Distinguished Student Award, University of San Carlos of Guatemala, Guatemala, 1999-2002
- Outstanding Academic Performance Secondary Education, Ministry of Education, Guatemala, 1995-1997

## Selection of training workshops, seminars and presentations

- 2021 Motherhood and Career retention in STEMM – Systematic barriers and actionable solutions – Organized by Mothers in Science
- 2019 and 2020 – *Converciencia* – Key Speaker invited by the SENACYT Guatemala
- 2019, Sept. 12<sup>th</sup>, Campinas, São Paulo – Brazil YSI-INET Young Scholars Initiative – 2019 Meeting Brazilian Industrial Economics, Institute of Economics UNICAMP “Knowledge Intensive Entrepreneurship in Developing Countries: the Cases of Guatemala, El Salvador and Honduras” Sept. 11, 2019 – Campinas, SP. Brazil
- 2019, August 1-2. Bogotá, Colombia “Relevance of Science, Technology and Innovation Diplomacy for STI Capacity Building in Central America: the cases of Guatemala, El Salvador and Honduras”. International Congress Governance of Science and Innovation, Towards Inclusive Development. Universidad de Externado, Universidad Javeriana y Universidad de los Andes.
- 2013 “Human Capacity Formation for Development, the Case of Guatemala”, International Congress of Science, Technology and Innovation, National Secretariat of Science and Technology of Guatemala, 23-26, Sept. 2013 Guatemala City
- “Importance of Asia as Destination for Graduate Students from Latin America”, University of San Carlos of Guatemala, April, 2013 – Guatemala City
- 2012- “Science and Technology Cooperation, Korea-Latin America” Kyung Hee University, August 12-13, 2012, Yakarta, Indonesia
- 2009- “International Networking, Academy and Cooperation for Development”, Conference Global Partnership for International Economic Development, Kyung Hee University, Feb. 12-14, 2009, Suwon, South Korea
- 2008 - “Career Development and Networks of Highly Skilled Alumni, the case of Korea and Latin America”, Congress Asia and Latin America in the 21st Century, April 22, Lima, Peru

## Consultation as subject expert

- Assisted in drafting the Introductory Chapter of the Book, “Governance of National Agriculture Research and Technology Institutions in a Post pandemic World”, Argentina National Institute of Agriculture Technology INTA-Inter American Development Bank (2021)
- Assisted in completing the Methodological Protocol for Evaluation of the Consultancy: Evaluation of R&D + i Initiatives in Water Resources – Northern Chile Macro Zone FIA – Coquimbo (2020) – NATAL Consulting and Laboratory of Studies on Research Organization and Innovation LabGeopi

## Supervision

### Supervision (\* co-supervision)

Student	Program	Title	Status
Tracie Mendez Saravia	Doctoral Program in Social Development	<i>Impact of Infant and Adolescent Pregnancies in the Human Development of Women – Case Study in the Community of Jalapa</i>	In progress
*Itala	Master Program in Science and Technology Policies	<i>Artificial Intelligence Policies in Latin America: Revision of the Literature</i>	In progress

## Professional service, Leadership Positions

### Responsibilities of Leadership

March 2020 (ongoing) | **Organization of Women in Science for the Developing World OWSD Guatemala NC** | Chair OWSD Guatemala National Chapter and Member of the Executive Committee <https://owsd.net/network/guatemala>

July 2020 (ongoing) | **Latin American and the Caribbean Network of Science Diplomacy DiploCientifica** | Founding Member and active collaborator of the Communciation and International Relations Committees <https://diplomaciacentifica.org/>

November 2009 (ongoing) | **Institute for the Development of Higher Education in Guatemala INDESGUA** | Member of the Board of Directors [www.indesgua.org.gt](http://www.indesgua.org.gt)

### Involvement in subject associations and scholarly journals

- Peer-review
  - 1) Research Policy and Strategic Management / Frontiers in Research Metrics and Analytics: Guest Associate Editor (2020-2021) <https://www.frontiersin.org/journals/research-metrics-and-analytics/sections/research-policy-and-strategic-management>
  - 2) Research Policy and Strategic Management / Frontiers in Research Metrics and Analytics: Review Editor Since 2019.
  - 3) Science and Public Policy / Assistant to the Chief Editor's Office Since 2017 <https://academic.oup.com/spp>
- Member of the Guatemala International Network of Scientists (RedCTI, since 2017)
- Member of the Guatemala Association of Lawyers and Public Notaries (CANG since 2005)
- Representative for Latin America of the Alumni Association of GSP/Kyung Hee University (since 2012)

## References

Prof Sergio Salles-Filho Director of the Institute of Geosciences,  
IG University of Campinas UNICAMP  
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