

Guillermo Antonio Ruiz Pava  
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## Personal profile

Guillermo Ruiz-Pava received his Ph.D. in management from Universidad de Los Andes, School of Management, Bogotá-Colombia. His research focuses on how evolving social structures emerge from technological innovation. Currently, He is an Assistant Profesor at Pontificia Universidad Javeriana in Bogotá- Colombia. Previously, He was a *Visiting Student Researcher* at Stanford University, a Postdoctoral Associate and *Research Affiliate* at MIT-IDSS (Institute for Data, Systems, and Society) in the United States of America (USA), and a Postdoctoral Assistant at Universidad de los Andes.

## Qualifications

PhD, Doctor en Administración, Universidad de los Andes Colombia  
Award Date: 12 Oct 2018

Master, Magíster en Economía, Universidad Externado de Colombia  
Award Date: 27 May 2011

Bachelor, Economista, Universidad Externado de Colombia  
Award Date: 29 Mar 2007

## Employment

### Assistant Professor

Department of Business  
Pontificia Universidad Javeriana - Bogotá  
Colombia  
03 Oct 2022 → present

### Member research group

CINNCO - Knowledge, innovation and competitiveness  
Pontificia Universidad Javeriana - Bogotá  
Colombia  
01 Oct 2022 → present

## Research outputs

**Why organizations have routines: A critical synthesis of the routinization process**  
Ruiz Pava, G. A., Aug 2024.

**Firm Competitiveness and Subnational Region: A Resource-Based Strategy of Business Localization**  
Tovar-Gasca, S., Andonova, V. & Ruiz Pava, G. A., 2023.

**Patent Citations as Signals of Technical Interactions: The Case of a Turbofan Jet Engine**  
Ruiz Pava, G. A., Triulzi, G. & Magee, C., 2023.

Deriving design feature vectors for patent images using convolutional neural networks  
Jiang, S., Luo, J., Ruiz Pava, G. A., Hu, J. & Magee, C. L., 2021, In: Journal of Mechanical Design. 143, 6, 061405.

A Convolutional Neural Network-based Patent Image Retrieval Method for Design Ideation  
Jiang, S., Luo, J., Ruiz Pava, G. A., Hu, J. & Magee, C., 2020, In: arXiv preprint arXiv:2003.08741.

Environmental complexity, slack, and firm performance  
Godoy-Bejarano, J., Ruiz Pava, G. A. & Tellez-Falla, D., 2020, In: Journal of Economics and Business. 112, 16 p., 105933.

Internal and external search strategies of innovative firms: the role of the target market  
Ruiz Pava, G. A., 2020, In: Journal of Knowledge Management. 24, 3

Internal sources of ideas for innovation: a social network perspective  
Ruiz Pava, G. A., 2018, 121 p.

El poder de las entidades territoriales para mejorar la calidad de la educación básica  
Ruiz Pava, G. A., 2016, In: Cuadernos de Administración (UniValle). 31, 54, p. 1-11 11 p.

The role of industry factors and intangible assets in company performance in Colombia  
Andonova, V. & Ruiz Pava, G. A., 2016, In: Journal of Business Research. 69, 10, p. 1-8 8 p.

Administración y negocios: juntos pero no revueltos  
Ruiz Pava, G. A., 2015, In: Revista de Economía Institucional. 17, 32, p. 1-6 6 p.

Circuitos, centralidades y estándar de vida: Un ensayo de geografía económica  
Gonzalez Borrero, J. I., Cardozo, M., Rivas, G., Ruiz Pava, G. A., Castro Garzón, C. & Galvis, D., 2011, 195 p.

Un pequeño modelo de la ciencia económica aplicado al ECAES  
Ruiz Pava, G. A., 2006, In: Divergencia. p. 1-5 5 p.