

# Brian Anthony Gumiran

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+1 814 280 2278  
[blg5589@psu.edu](mailto:blg5589@psu.edu)  
State College, PA

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## Skills

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Labor and Industrial Relations  
Disaster Risk Reduction and Management  
Qualitative and Quantitative Social Science Research  
Learning System Design and Development  
Academic Program Quality Assurance  
Project Planning, Management, Monitoring and Evaluation  
Electronics and Electrical Hardware and Software Design, Prototyping and Testing

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## Experience

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### **UP School of Labor and Industrial Relations/ University Extension Specialist 3**

January 2019 - Present, Diliman, Quezon City

Conducts Research work aligned to the school's research agenda. Current Research Interests: Productivity and competitiveness, Human Resource Development, Knowledge Management

Conducts extension work aligned to the School's objectives, including but not limited to: organization and facilitation of local and international conferences and training, internal and external assessment systems, coordination with relevant stakeholders, and technical assistance for teaching and research functions

### **UP Integrated School/ Senior Lecturer 1**

August 2022 - Present, Diliman Quezon City

Teaches ICT12 Business and Entrepreneurship track (ICT for businesses and organizations), and ICT 12 Applied Sciences and Engineering track (Fundamentals of programming for applied sciences and engineering)

### **PHIVOLCS Dynaslope Project / Supervising Science Research Specialist**

July 2016 -December 2018, Diliman, Quezon City

Manages and conducts in research work and capacity building involving participatory information system design, technology transfer, organizational development, landslide risk assessment, and monitoring and evaluation for early warning systems for landslides

Main research work focused on socio-technical aspects of the establishment and institutionalization, as well as participatory monitoring and evaluation, of community-based early warning system for landslides

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## Education

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### University of the Philippines, Diliman/ MA Education

Major in Mathematics November 2012 - December 2019, Diliman, Quezon City  
Master's Thesis: Action-Process-Object-Schema analysis of students' conceptual understanding of logarithms  
Passed the August 2014 licensure exam for professional teachers - 89.00% (6th Place)

### University of the Philippines, Diliman / BS Electrical Engineering

June 2006 - April 2011, Diliman, Quezon City  
Undergraduate student project: Weather-sensitive short-term load forecasting using artificial neural networks for the Leyte Electric Cooperative II  
Passed the September 2011 licensure exam for registered electrical engineers - 83.90%

### Pennsylvania State University / MPS Labor and Global Workers' Rights

August 2024 - August 2025, State College, PA

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## Publications (Peer-reviewed Journal Articles)

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### Predictors of Contributions to Creativity and Productivity: Perceptions of Human Resource staff in the Philippines

Philippine Journal of Labor and Industrial Relations | Volume 41 p. 1-37 | 2024 |  
<https://journals.upd.edu.ph/index.php/pjlir/article/view/9942>  
V Bingham, BA Gumiran

### Congruence Between Personal and Organizational Values: Evidence from Philippine Organizations

Philippine Journal of Labor and Industrial Relations | Volume 41 p. 86-115 | 2024 |  
<https://journals.upd.edu.ph/index.php/pjlir/article/view/9946>  
V Bingham, BA Gumiran, JM Bingham

### Transition to Formality in the Food Supply Chain Industry in the Philippines: Interactions, Challenges, and Solutions

Philippine Journal of Labor and Industrial Relations | Volume 41 p. 241-275 | 2024 |  
<https://journals.upd.edu.ph/index.php/pjlir/article/view/9954>  
V Bingham, BA Gumiran

### Social Protection for Location-based Platform Workers: Systematic Review and Philippine Policy Analysis

Philippine Journal of Labor and Industrial Relations | Volume 41 p. 540-584 | 2024 |  
<https://journals.upd.edu.ph/index.php/pjlir/article/view/9956>  
V Bingham, BA Gumiran

### Charting a Course for Excellence: Exploring Performance Management in the Philippines

Philippine Journal of Labor and Industrial Relations | Volume 40 p. 100-126 | 2023 |  
<https://journals.upd.edu.ph/index.php/pjlir/article/view/9440>  
V Bingham, BA Gumiran, JM Bingham

### Negotiated participatory action research for multi-stakeholder implementation of early warning systems for landslides

International Journal of Disaster Risk Reduction | Volume 58 | DOI:  
<https://doi.org/10.1016/j.ijdr.2021.102184> | © May 2021  
Brian Anthony Gumiran, Arturo Daag

## **Participatory capacities and vulnerabilities assessment: Towards the realisation of community-based early warning system for deep-seated landslides**

Jàmbá: Journal of Disaster Risk Studies | Vol 11, No 1 | a555 | DOI:

<https://doi.org/10.4102/jamba.v11i1.555> | © 2019

Brian A.L. Gumiran, Fatima M. Moncada, Harianne J. Gasmen, Nathalie R. Boyles-Panting, Renato U. Solidum

## **Monitoring System for Deep-Seated Landslides using Locally-Developed Tilt and Moisture Sensors: System Improvements and Experiences from Real World Deployment**

IEEE 2014 Global Humanitarian Technology Conference

978-1-4799-7193-0/14/\$31.00 ©2014 IEEE

Joel S. Marciano, Jr., Calvin G. Hilario, Mary Ann B. Zabanal, Earl V. Mendoza, Brian L. Gumiran, BenJeMar F. Flores, Mark O. Peña, and Kennex H. Razon

### ***Other Information***

#### **Journal Reviewer (3 Articles)**

International Journal of Disaster Risk Reduction

#### **Google Scholar Statistics**

<https://scholar.google.com/citations?user=-qWFfkIAAAJ&hl=en>

Total citations: 46; H-index: 3 (As of October 2024)

#### **International Publication Award**

Department of Science and Technology (2020) for Gumiran et al (2019)

#### **DOST-National Research Council of the Philippines**

Associate Member, Division of Social Sciences, Since April 2022

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### **Other Research and Publications**

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#### **Design and development of a knowledge management system for UP SOLAIR:**

(Gumiran and Aggabao, 2022) - worked as a project leader, OVCRD-Source of Solution Grants [Manuscript to be submitted for publication]

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### **Training organized/ facilitated**

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#### **Certificate Course in Industrial Relations and Human Resource Management:**

Center for Industry Productivity and Competitiveness, UP SOLAIR,  
Project Coordinator, Session moderator, final project critic for Class 15-20  
(2021-2024)

**Workers' Institute for Labor Laws:** Facilitator for Class 182 and 184 (2022)

**ENGAGE Asia Program -:** Lecturer/Facilitator (2023)

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## **Training Attended** (Online courses)

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### **Towards Decent Work in Global Supply Chains**

Global Labour University and Penn State University through Iversity.org - (November 2020).

Certificate of Accomplishment: A multi-disciplinary online course combining expertise from the world of work with cutting-edge academic research.

### **Global Supply Chains in Times of Covid-19**

Global Labour University through Iversity.org - (September 2020)

Certificate of Participation: This multi-disciplinary online course provides the course participants with a comprehensive overview of the impact of the Covid-19 pandemic on workers in global supply chains.

### **Post-Corona Starts Now!**

Global Labour University through Iversity.org - (September 2020).

Certificate of Participation: This multi-disciplinary online course deepens the user's knowledge and strengthens his/her analytical skills on the most pressing issues affecting workers and their families in the context of the Covid-19 pandemic, as well as on the main debates about an agenda for societal change towards greater equity, environmental sustainability and democratic participation.

### **Regulating Global Supply Chains to Empower Workers**

Global Labour University through Iversity.org - (September 2021)

Certificate of Participation: This is a multi-disciplinary online course discussing policy proposals on critical areas for regulating global supply chains, namely trade, industrial policy, taxation, mandatory due diligence, purchasing contracts and worker driven social responsibility.

### **International Labour Standards: How to Use Them**

Global Labour University and the International Training Centre of the ILO through Iversity.org - (February 2022)

Certificate of Participation: This online course offers a mix of video lectures, readings and discussion questions to build the participants' knowledge and practical skills on how to use International Labour Standards to promote and defend worker's rights worldwide.

### **Subordination and Discrimination in GSCs: Recognizing Diversity and Building Unity**

Global Labour University through Iversity.org - (September 2022)

Certificate of Accomplishment: The multidisciplinary online course discusses how different forms of structural discrimination – gender, race, ethnicity, age, migration status and others – intersect, pushing many women, people of colour and other disadvantaged groups to the bottom of the wage hierarchy and to more precarious jobs.

### **The Future is Public**

Global Labour University through Iversity.org - (April-June 2024)

Certificate of Accomplishment: The multidisciplinary online course "Future is Public" discusses key issues affecting the quality and accessibility of public services as well as new, emerging visions in sectors such as health, energy, transport, water and others. In particular, through struggles to resist the commercialisation of public services and the environmental crisis, workers and trade unions, in coalition with other social movements, can play a fundamental role in the realisation of these visions.

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## **Training Attended** (International)

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### **Training on Internal Quality Assurance (IQA) for SHARE Partner Universities**

FH Munster University of Applied Sciences (June 2022)

### **SHARE Regional Conference on Qualifications Frameworks and Quality Assurance (QF & QA) and SHARE-BINUS Seminar: "Enhancing Graduate Employability in ASEAN through Internationalisation of Higher Education"**

EU Support to Higher Education in ASEAN Region (SHARE) (November 2022, Jakarta Indonesia)

## **Social and Behavioral Human Subjects Research (IRB) Course**

Collaborative Institutional Training Initiative (CITI Program) (September 2024)  
Human Subjects Research | Stage 1 - Basic Course

## **Workers as Research Subjects – A Vulnerable Populations**

Collaborative Institutional Training Initiative (CITI Program) (September 2024)  
Human Subjects Research | Stage 1 - Basic Course

## **GCP – Social and Behavioral Research Best Practices for Clinical Research**

Collaborative Institutional Training Initiative (CITI Program) (September 2024)  
Stage 1 - Basic Course

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### **Training Attended (Local)**

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#### **Local Training: Leadership**

LEVEL UP 2.0: Supervising Teams Effectively (Hosted by the UP Diliman Human Resource Development Office, December 2021)

Webinar on Coaching Orientation (Hosted by the UP Human Resource Development Office, October 2021)

Educational Administration in the Philippines: Looking at the Past, Leading the Future: UP College of Education Educational Administration Area Centennial Lecture Presentation (Hosted by the Division of Educational Leadership and Professional Services, April 2019)

#### **Local Training: University Tools**

Unit-level breach response team training: How to handle personal Data breaches (Organized by the UP Diliman Data Protection Office, December 2021)

UPGrade 2022: Exploring Reliable Library Resources for Enhanced Information and Research (Organized by the UP University Library, March 2022)

#### **Local Training: Research and Concepts**

Benchmarking for QA Webinar (Hosted by the UP Office of the VP for Academic Affairs UP Quality Assurance System, March 2022)

Top tips for early career researchers - Publishing in International Journals (Organized by Emerald Publishing, October 2021)

Certificate Course in Industrial Relations and Human Resource Management (Project Coordinator for Class 15-18 (2021-Present)

Text mining in Career Studies: Generating Insights from Unstructured Textual Data (Organized by UP CIDS Data science for Public Policy, July 2021)