

Blgo. GIAN CARLO IANNACONE DE LA FLOR, MSc MBA PMP
Phone: + 51987200096
giannacone@mpfn.gob.pe adnsolucion@gmail.com
<http://www.adnsolucion.com>



Experience: Forensic Genetics with emphasis on identification of missing persons and genetic data bank for identification purposes and scientific research in the field of population genetics and molecular biology. Also, skills in Organizational Management, Project management and Quality Systems.

Academic degree in Science:

Candidate to PhD in Biological Sciences, Universidad Nacional Mayor de San Marcos. Completed studies (2018 - 2020), Thesis support in 2021 (**titled: "Environmental adaptation of the mitochondrial y autosomic genome: Population genomic analysis"**)

Magister Scientiae - Animal production with emphasis in Reproduction and Genetics, Universidad Nacional Agraria La Molina (UNALM) (2002)

Biologist with mention in Genetics Universidad Nacional Mayor de San Marcos - School of Biological Sciences (2001), **Bachelor in biology Science** (1993-1999)

Academic degree in Management: Magister - Executive MBA, Graduate School of Universidad Peruana de Ciencias Aplicadas (UPC) (2016)

Register as Research and Projects: National Register of Science and Technology (RENACYT) as Researcher of CONCYTEC **Record # P0000026**, Lima – Peru

Project Management Professional (PMP), the Project Management Institute (PMI), United States of America (USA) - 2017 **PMP # 2124741**

National and international specialization in Forensic and Quality DNA Laboratory and Databasing:

- **Project Management and Quality.** Institute for Quality of the Pontificia Universidad Catolica del Peru (PUCP) Lima - Perú (2017)
- **ISO 9001: 2008, ISO 17025 Accreditation and internal auditors.** Institute of Legal Medicine, Lima, Perú (2006, 2008, 2009 and 2014).
- **Management, Accreditation and Quality Genetic Databases,** University of North Texas Health Science Center Fort Worth, Fort Worth-Texas, USA, (2012)
- **DNA laboratory processes in forensic field,** University of Lancashire Preston - United Kingdom UK. (2009)

Skills developed: Achievement orientation, ethical sense, creativity and social competence and teamwork

Recommendation for the realized work:

- By the General Attorney of Peru - participation in the identification process of people dead by a fire at a prison - Tegucigalpa in Honduras. (2012)
- By the Head of the National Institute of Legal Medicine for participation in the implementation of ISO 9001: 2008 in the DNA laboratory in Arequipa. (2015)

PROFESSIONAL EXPERIENCE - 19 years

Additional Information at <https://www.adnsolucion.com/team>

SUB-MANAGER AND MANAGER
DNA LABORATORY - INSTITUTE OF LEGAL MEDICINE

APRIL 2004
SEPTEMBER 2009 - MARCH 2014
DECEMBER 2015 - JANUARY 2017

Technically manage of DNA laboratories, including continuous laboratory improvement through projects and improve the laboratory quality system. Similarly, I was representative of Institute of Legal Medicine as international speaker in Forensic Genetic for over 10 years in more than 21 countries including: Peru, Costa Rica, Bolivia, Ecuador, Chile, Honduras, Guatemala, Panama, Colombia, Dominican Republic, Bosnia-Herzegovina, Argentina, Singapore, United States, Mexico, Germany, Portugal, Poland, Austria, Czech Republic and Brazil.

ADVISORY NATIONAL HEADQUARTERS
INSTITUTE OF LEGAL MEDICINE

MARCH 2015- DECEMBER 2015

Formulate indicators for management of forensic process, situational analysis in order to generate strategic objectives and projects that support the objectives to improve the Forensic Laboratories.

NETWORK MANAGER DNA LABORATORIES
INSTITUTE OF LEGAL MEDICINE

JUNE 2010- MARCH 2014

Control and monitor the network of DNA laboratories. Achieving integration criteria, monitoring of use of inputs and cooperation for improve the laboratory coverage.

QUALITY COORDINATOR
DNA LABORATORY - INSTITUTE OF LEGAL MEDICINE

OCTOBER 2007 - DECEMBER 2015

Track non-conforming products and tracking DNA Laboratories processes. Also, it was generated based monitoring and project implementation needs improvement in aspects of corrective and preventive actions. Achieving maintaining quality system in the DNA Laboratory since 2007 and thereby managed to extend certification Arequipa DNA Laboratory in 2015.

GENETIC ANALYST
DNA LABORATORY AND OPERACION MANAGEMENT
INSTITUTE OF LEGAL MEDICINE

APRIL 2002 - SEPTEMBER 2009
APRIL 2014 – MARCH 2015
FEBRUARY 2017 - PRESENT

Genetic profiling analysis (Include probabilistic analysis) and research with the aim to improvement the DNA Laboratory Process through the presentation and implementation of projects. Also, Research, supervision and improvement of projects for the legal medical system and forensic sciences Laboratories at the Institute of Legal Medicine.

LABORATORY IMPLEMENTATION
INSTITUTE ARIAS STELLA
UNIVERSIDAD NACIONAL DEL SANTA

JULY 2010 - APRIL 2011
JUNE 2008 - DECEMBER 2008

Development of laboratory design project considering implementing processes.

In the case of the **Universidad del Santa**, I performed the preparation of the DNA Laboratory project according to a survey analysis of all information to support the project.

In the case of the **Institute Arias Stella**, I performed the DNA Laboratory design, requirement of equipment, vendor selection, implementation monitoring, staff training, review of implemented processes and development of procedures and formats under ISO 9001 standard.

RESEARCH PROJECT EVALUATOR OF CONCYTEC**JULY 2014 - PRESENT**

I perform the evaluation of national announcement for projects according to standard of the CONCYTEC - Perú. DINA record in CONCYTEC (https://dina.concytec.gob.pe/appDirectorioCTI/VerDatosInvestigador.do?id_investigador=26)

ADDITIONAL PREPARATION**Relevant International training in Forensic Genetic and Laboratory Quality Management (2004-2013)**

- New Generation Technologies Laboratory processes, Health Science Authority Singapore (2013)
- CODIS system management information. Federal Bureau of Investigation (FBI), United States (2012)
- Management processes and infrastructure of DNA Laboratories, Legal Medical Service Laboratory CODIS Chile (2012)
- Process of identifying missing persons, quality, accreditation, International Commission on Missing Persons (ICMP) Bosnia-Herzegovina (2010).
- Laboratory process DNA identification in air accidents, Bode Technologies, United States (2008)
- Forensic laboratory management, Institute of Legal Medicine and Forensic Sciences Colombia (2004)

TEACHING EXPERIENCE - 13 years**Universidad Peruana de Ciencias Aplicadas (UPC)****AUGUST 2015 - JULY 2016****March 2017 - PRESENT**

- Associate Professor from August 2015 to July 2016, for undergraduate at the School of Medicine of the Faculty of Health Sciences at the UPC.
- Associate Professor for Forensic Genetics course for lawyers at the Faculty of Law

Universidad Nacional Mayor de San Marcos (UNMSM)**APRIL 2011- DECEMBER 2016**

Professor for undergraduate Forensic Genetic and in master Genetics program in the course Evolutionary Genetics at the Faculty of Biological Sciences .

Universidad Nacional Federico Villareal (UNFV)**AUGUST 2007 - DECEMBER 2009**

Professor in Masters in Public Health Postgraduate School.

Pontificia Universidad Catolica del Peru (PUCP)**OCTOBER 2008**

Visiting professor for post-graduate master's degree in Physical Anthropology Forensic Postgraduate School.

At universities and institutes related to medical science and Forensic Sciences, on issues of Forensic Genetic, management and quality of DNA laboratories, as well as issues of scientific research in Human and Forensic Genetics. Latest world speaker in Genetics and Laboratory Management:

Florianopolis- Brasil (2019), Praga- Czech Republic (2019), Montevideo - Uruguay (2018), Merida - Mexico (2017), Santo Domingo - Dominican Republic (2016), Krakow - Poland (2015), Bogotá - Colombia (2014), Singapore (2013), San José de Costa Rica - Costa Rica (2013), Sucre - Bolivia (2013).

MANUALS, JOURNALSS AND CHAPTERS BOOKs as Iannacone GC**RESEARCH - NATIONAL REGISTER:**

http://dina.concytec.gob.pe/appDirectorioCTI/VerDatosInvestigador.do?id_investigador=26

PUBLICATIONS:

SCOPUS (H Index equal to 4).

<https://www.scopus.com/authid/detail.uri?authorId=6507136918>

<https://orcid.org/0000-0003-2259-5327>

https://www.researchgate.net/profile/Gian_Iannacone

- **Second GHEP-ISFG exercise for DVI: “DNA-LED” Victims’ identification in a simulated air crash**, Forensic Science International: Genetics 2021, In press
- **Extraction and Quantification of DNA From Buccal Cells of Peruvian Coca Leaf Users and Non-Users**, Proceedings 2020 AAFS annual Scientific Meeting conference-poster DOI: 10.13140/RG.2.2.28487.73124
- **Genetic structure and kinship analysis from the Peruvian Andean area**, Forensic Science and Humanitarian Action 2020 | book-chapter DOI: 10.1002/9781119482062.ch30Part of ISBN: 9781119481966Part of ISBN: 9781119482062
- **Population genomics of the mitochondrial genome segments and the prediction of neutral and selective trends for identification and association studies**, Forensic Science International: Genetics Supplement Series 2019 | journal-article DOI: 10.1016/j.fsigss.2019.10.191EID: 2-s2.0-85075404287
- **Allele frequencies in azuay population in Ecuador**, Genetics and Molecular Research 2017 | journal-article DOI: 10.4238/gmr16039797EID: 2-s2.0-85032454436
- **Algorithm aligen: Simple method of encryption and matching with genetic profiles in a system of STR identification database**, Forensic Science International: Genetics Supplement Series, 2015 | journal-article DOI: 10.1016/j.fsigss.2015.09.064
- **Population genetic structure of traditional populations in the peruvian central andes and implications for South American population history**, Human Biology 2014 | journal-article, DOI: 10.13110/humanbiology.86.3.0147EID: 2-s2.0-84925848835
- **Colombian results of the interlaboratory Quality Control Exercise 2009-2010**, Forensic Science International: Genetics Supplement Series, 2011 | journal-article DOI: 10.1016/j.fsigss.2011.08.028EID: 2-s2.0-82455171906
- **Peruvian genetic structure and their impact in the identification of Andean missing persons: A perspective from Ayacucho**, Forensic Science International: Genetics Supplement Series, 2011 | journal-article DOI: 10.1016/j.fsigss.2011.09.008EID: 2-s2.0-82455192270
- **Mitochondrial DNA and the peopling of South America**, Human Biology, 2007 | journal-article, EID: 2-s2.0-35448990958
- **Y-chromosomal haplotypes for the PowerPlex® Y for twelve STRs in a peruvian population sample**, Journal of Forensic Sciences, 2005 | journal-article, EID: 2-s2.0-11844283397
- **Genetic diversity of sixteen STRs in the Peruvian Mesa Redonda Lima population**, Journal of Forensic Sciences 2004 | journal-article EID: 2-s2.0-3142749105
- **Manual: Management of Dead Bodies in Disaster Situations-** PAHO Disaster, 2004, <https://iris.paho.org/bitstream/handle/10665.2/6252/9275125295.pdf?sequence=4&isAllowed=y>

- **Manual: Use of forensic genetics in investigations into human rights and international humanitarian law violations** - International Committee of the Red Cross (ICRC) and the Government of Argentina, 2013. https://7f466bb3-d0fa-4514-ba29-6ebc9ba05645.filesusr.com/ugd/c9fb46_5aa14c459c640549866e4ce0633f20b.pdf
- **Practical Guide for the recovery and analysis of human remains** - International Committee of the Red Cross (ICRC) and the Public Ministry of Peru, 2015 https://7f466bb3-d0fa-4514-ba29-6ebc9ba05645.filesusr.com/ugd/c9fb46_79715a7906764d9d8578b7bfb651207c.pdf

OTHER SKILLS

- English Language Proficiency (British and ICPNA) and French (French Alliance) oral and written
- Skill in managing Windows / Office environment.
- Development of algorithms for improving DNA identification process.
(Master's Thesis "Using microsatellite markers in paternity determination in Alpacas Raza Huacaya." Library of the Universidad Nacional Agraria La Molina. (2005) and also in, Forensic Science International Supplement Series 2015 E159-E161. (2015) <https://www.adnsolucion.com>)

ADDITIONAL INFORMATION

Date of birth: May 11, 1975,

Age: 45 years

Children: 3

February 2021