

ANGELA GOW

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PSYCHOLOGY & BEHAVIORAL SCIENTIST | SCIENTIFIC RESEARCHER SCIENTIFIC & LITERARY AUTHOR | DATA SCIENTIST | CRIMINOLOGIST | NEUROSCIENTIST | SOCIOLOGIST | POLITICAL SCIENTIST | COUNSELLOR & LINGUIST

Articulate author and communicator with a passion for writing novels & screen content, as well as scientific scholarly works. Currently in the process of publishing an innovative scientific book and article on Criminology, considered by experts to be a significant contribution to the field. Goal-focused, detail-orientated professional with hands-on experience assisting with and advising criminal investigations, as well as advanced expertise in psychology and behaviour, criminology, sociology, politics and in tutoring of a wide variety of subjects, including both Spanish and English language. Talent for driving advancements in any field and diving into areas not previously studied at an in-depth level. Analytical thinker with an extraordinary ability to swiftly learn and analyse new concepts from a variety of fields and provide significant insight and contributions beyond the scope of study that enrich the knowledge of others. Skilled at analysing and evaluating human beings from a psychological perspective to draw key insights into behaviour and notice integral patterns. Engaging and collaborative, able to build and strengthen professional relationships and lead others to achieve their professional and personal goals.

EDUCATION

- Doctor of Philosophy (PhD) in Psychology and Neuroscience**, (July, 2023 – 2027) – **The University of Sydney (USyd)**
- Micro-Master's Program in Statistics and Data Sciences**, (May, 2023 – 2025) – **MIT (Massachusetts Institute of Technology)**
- Advanced Certificate in Psychology & Counselling**, (January 2021 - present) – **Careers Collective**
- Cyber Security Certification (Bundle Training Courses)**, (Feb, 2023 – Present) – **EC – COUNCIL**
- Cyber Penetration Testing Certification (Bundle Training Courses)**, (Feb, 2023 – Present) – **EC – COUNCIL**
- DELE Teacher of Spanish as a Foreign Language**, (April, 2019 – October, 2019) – **Unamuno – Cervantes Institute**
- Master's Degree in Criminology, Delinquency and Victimology**, (March, 2018 – April, 2019) – **Valencian International University (VIU)**
- *Master's Research Project in Criminal Profiling – Achieved 100% as a final score for Research Outcomes, Presentation and Public Defence at the Academic Court of the Faculty of Criminology.*
 - *Achieved 91.8% as final grade for the degree.*
- Bachelor Degree with Honours in Political Sciences, Public Management, and Sociology (with Specialization in International Relations)**, (September, 2012 – March, 2018) – **University of the Basque Country (UPV/EHU)**
- *BA (Hons) Research Project in Mental Control at an Early Age – Achieved 80% as a final grade for Research Outcomes, Presentation and Public Defence at the Academic Court of the Faculty of Sociology.*
 - *Achieved 71.4% as final grade for the degree.*
- Certificate III in Music Industry (Sound Production)**, (July 12th, 2021 – June 30th, 2022) – **TAFE NSW**
- Diploma in Screen and Media**, (February 9th, 2021 – April, 2021) – **TAFE NSW**

CONTINUING PROFESSIONAL EDUCATION

- Accredited Postgraduate-Level Independent Courses in Neuroscience & Computational Neuroscience**, (November, 2022 – Present) – **EPFL** *Simulating a hippocampus microcircuit. Simulation Neuroscience. Neuronal Dynamics. The Multi-Scale Brain. Image Processing and Analysis for life scientists.* – **Peking University** *Advanced Neurobiology I & II.* – **Duke University** *Medical Neuroscience.* – **Others.**
- Neurosciences & Neuroimaging Specialization (Mixed-Level)**, (November, 2022 – Present) – **Johns Hopkins University**
- Abnormal Psychology Specialization (Mixed-Level)**, (October, 2022 – January, 2023) – **Wesleyan University**
- Mind and Machine Specialization (Mixed-Level)**, (October, 2022 – Present) – **University of Colorado Boulder**
- Computational Social Science Specialization (Undergraduate)**, (November, 2022 – Present) – **University of California, Davis**
- Geographic Information Systems (GIS) Specialization (Undergraduate)**, (November, 2022 – Present) – **University of California, Davis**
- Big Data Specialization (Undergraduate)**, (December, 2022 – Present) – **University of California, San Diego**

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- Expressway to Data Science Specialization: Essential Math (Undergraduate)**, (November, 2022 – Present) – **University of Colorado Boulder**
- Artificial Intelligence Specialization (Undergraduate)**, (October, 2022 – December 4th, 2022) – **Politecnico di Milano**
- Accredited short course in The Neurobiology of Trauma**, (May 21st, 2021 – December 3rd, 2022) – **National Institute for the Clinical Application of Behavioural Medicine (NICABM)**
- Accredited Undergraduate & Mixed-Level Courses in Neuroscience**, (October, 2022 – January, 2023) – *The Addicted Brain. Biohacking Brain's Health* – **Emory University**
- Accredited Undergraduate & Mixed-Level Course in Psychology, Psychopathology & Mental Health**, (October, 2022 – December, 2022) – *Schizophrenia* – **Wesleyan University**
- Accredited Undergraduate Level Course in Psychology**, (October, 2022 – October 27th, 2022) – **Yale**
- Accredited Undergraduate Level Course in Data Science & Data Mining**, (November, 2022 – December, 2022) – **University of California, Irvine**
- Accredited Undergraduate Level Course in AI, Empathy & Ethics**, (October, 2022 – November 20th, 2022) – **UCSC**
- Accredited Undergraduate Level Course in AI & Law**, (October, 2022 – November 4th, 2022) – **Lund**
- Accredited Undergraduate Level Course in International Cyber Conflicts**, (November, 2022 – December, 2022) – **State University of New York – System**
- Accredited Undergraduate Level Course in Intelligence Tools for the Digital Age**, (December, 2022 – December, 2022) – **IE Business School**
- Accredited Undergraduate & Mixed-Level Courses in Neuroscience & Computational Neuroscience**, (October, 2022 – Present) – **The University of Chicago**. – **Utrecht University**. – **American Society of Addiction Medicine**. – **Duke University**. – **University of Houston** – **University of Washington**. – **University of Michigan**. – **New Scientist & New Scientist Academy**. – **The University of Nottingham**. – **The University of Edinburgh & Brain Health Scotland**. – **UCL**. – **University of Padova**. – **University of Minnesota**. – **University of Maryland**. – **University of Groningen, Warsaw, Alexander von Humboldt Institute for Internet and Society & ACTiSS**. – **Others**.
- Accredited Undergraduate & Mixed-Level Courses in Psychopathology & Forensic Psychology**, (October, 2022 – Present) – **Emory University**. – **Monash University, Project 39A & ELEOS Justice**. – **The University of Glasgow**. – **The University of Warwick**. – **The University of Kent** – **University of Birmingham**– **The Open University**. – **Others**.
- Accredited Undergraduate & Mixed-Level Courses in Psychology (General)**, (October, 2022 – Present) – **University of Toronto**. – **Wesleyan University**. – **University of Cambridge**. – **The University of Edinburgh**. – **University of California**. – **The University of Sydney**. – **University of Illinois**. – **Johns Hopkins University**. – **Others**.
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ACADEMIC/SCIENTIFIC RESEARCH EXPERIENCE

European Institute of Policy Research and Human Rights (EIPRHR) (Remote – Australia)

Junior Research Fellow, (October 28th, 2022 – Present)

Project Objectives:

- To predict whether or not the increasingly rapid development of AI will result in an inflection point in the future where (some) political systems and institutions (if stayed as of today) will be forced into a deep restructuring to be able to continue to service the public interest.
- To find how the increasingly rapid development of AI will result in an inflection point in the future where (some) political systems and institutions (if stayed as of today) will be forced into a deep restructuring to be able to continue to service the public interest.
- To write an article about it with the aim of publishing it in EIPRHR Research Repository and a Scientific Journal.

Wintanoa Advanced Technologies GmbH (Remote – Australia)

Independent Psychology Academic Researcher, (August 17th, 2021 – August 30th, 2022)

Project Achievements:

- I provided the 16PF and Big Five rating method for comparison,
- Combined the 16PF and Big Five in a single scale method,
- Developed a new rating scale with the goal that it could be used effectively as a surrogate for both the 16 Personality Factor (16PF) and the Big Five Personality Scale,
- Tested the new Personality Rating Scale on the same sample that completed both the 16PF method and the Big Five at the beginning of the investigation,
- Confirmed its validity for the stated purpose and
- Wrote a comprehensive research report / thesis including all the details of each step of the process. It included a summary, a list of keywords, an introduction to the research project and the two personality tests used for the construction of the new rating scale, a general description and a detailed breakdown of the methodology, a complete breakdown of the research results, a conclusion and a reference section.

John Woodman (Independent Political Sciences Researcher) (Remote - Australia)**Independent Political Sciences Scientific Researcher**, (January, 2022 – July, 2022)**Project Objectives:**

- To clearly establish the meaning of clientelism and distinguish it from the meaning corruption.
- To delimit which political transactions fall within the meaning of clientelism and which within the meaning of corruption in a modern western political context (mainly Australia).
- To write an article about it with the aim of publishing it in a Political Sciences scientific journal.

INVINCIBLE WELLBEING (EA) (Remote – Australia)**Research Assistant and Article Writer in Genetic Engineering (Volunteer)**, (June, 2022 – October, 2022)**Valencian International University (VIU) – (Spain)****Criminological Scientific Researcher**, (2018 – 2019)**Investigation Title: The Reality from the Perspective of a Serial Killer: Case Analysis and Establishment of Patterns**

Led a psychological and behavioural analysis of renowned serial killers who committed their crimes due to or influenced by sexual reasons and deviations. Explored and evaluated their behaviours through detailed explanations of the psychological, psychiatric, and sociological factors that direct humans to commit serial crimes. Considered the anomalies or particularities considering various scientific fields as predisposing factors. Leveraged self-experience, study and research to deliver an accurate and complete psychological profile of each serial murderer as well as outlined the generally common detonating factors.

Key Achievements:

- Achieved a 100% score from the Valencian International University's Academic Court and recognised as making a significantly valuable contribution to the criminological science world.
- Currently in the process of publishing a scientific article and book, considered to be of substantial value by highly qualified professionals in the field.

PROFESSIONAL & ACADEMIC EXPERIENCE

Independent Consultancy – Sydney, Australia**Legal Researcher (Pro-bono)**, (October 4th, 2022 – Present)**Organic Unit of the Judicial Police of the Civil Guard, (Guardia Civil) Bilbao, Basque Country, Spain****Intern Criminology Student**, (October 2018 – January 2019)

Gained extensive expertise and hands-on experience in the structure and processes of the Civil Guard, as well as victims' rights. Engaged with and advised specialists about the nature and functioning of domestic violence and human trafficking. Learnt the functioning of Communicational Interceptions according to police procedures due to criminal reasons. Grew in knowledge of Intelligence Analysis with regards to the procedures and skills required for evidence and intelligence gathering on a suspect in a specific situation. Leveraged extensive criminology knowledge to deliver comprehensive feedback about each different case, according to the limited information provided. Briefly learned SAID software and the application of Big Catastrophes Protocol.

Key Achievements:

- Recognised for highly efficient performance and achieved a score of 100% from the captain and unit team based on more than 15 aptitudes and skills, including professional activities and personal attitude.
- Successfully completed real crime simulations to execute the Police Diligences Instruction procedure and practice lophoscopy and ocular technical inspection, as well as the analysis and differentiation of fluids trajectory in a real-life situation.
- Played an instrumental role in assisting the team with computer-based crime investigations, including acting as a computer forensics analyst in a case analysis.
- Developed knowledge about and experience with DNA, practising the searching, recompilation, and analysis procedures of all different types of Genetic Samples (DNA), as well as processes to obtain DNA matches in real crime situations.

Independent Consultancy – Bilbao, Spain**Tutor (Occasional)**, (March 2013 – April 2014 | June 2016 – December 2018)

Leveraged language expertise to prepare and teach engaging lessons on the English language locally and abroad, covering basic grammar, vocabulary, and practical conversation. Tutored university students enrolled in criminology, political science, sociology, public management, psychology, statistics, and social work and education courses to ensure a high standard of academic success, as well as I tutored high school students in a variety of subjects.

Independent Consultancy – Bilbao, Spain**English-to-Spanish Academic Translator**, (April 2011 – May 2011)

Accurately translated scientific articles with more than 30 pages and a higher-than-average number of words per page in less than 5 days per article.

PROFESSIONAL INVOLVEMENT & VOLUNTEER WORK

- Wait Staff, **Platform 818 (Mercury Hotel)**, Chippendale NSW, September 9th, 2022 – Present
- Wait Staff, **Pumphouse Bar & Restaurant**, Darling Harbour NSW, August 5th, 2022 – Present
- Catering Assistant, **Factory Kellogg's**, Banksmeadow NSW, June 21st, 2022 – Present

- Wait Staff, [Chaco Ramen](#), Bondi Beach NSW, February 23rd, 2022 – August, 2022.
- Wait Staff, [Griffith Exies Club](#), Griffith NSW, December 8th, 2021 – January 15th, 2022
- Work for Accommodation as a House Keeper, two households, Sydney NSW, February 9th, 2021 - April 1st, 2021
- Unofficial Backup Screen Writer, Film Production Company UK (Remote), November 2020 – March 2021
- Farm and Factory Assistant, Various Farms, Griffith NSW, January 2020 – June 2020
- Banana Sorter and Farm Assistant, Banana Farm, Innisfail QLD, October 2019 – December 2019
- BoTree Kampot Pepper Distributor, [BoTree Kampot Pepper](#) in Spain, January 2018 – April 2019
- Customer Liaison and Store Assistant, [The Kampot Pepper Shop](#) in Cambodia, July 2017 – July 2019
- Fruit Picker, Packer, and Sorter, [BoTree Kampot Pepper](#) in Cambodia, July 2017 – July 2019
- Camp Co-Supervisor, Summer Camps Helping People with Intellectual Disability, [GAUDE](#) in Spain, August 2018
- Receptionist (University Residence), [Residencia Santa Maria de Artagan](#) in Spain, June 2012 – September 2014

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

- **Research Associate Member** at the **Sigma Xi Scientific Research Honor Society**
- [The Effective Altruism Introductory Program \(EA\)](#) – **Centre of Effective Altruism**
- Proficient/fluency equivalent to English Skills | Native Spanish Speaker.
- 5+ Years of Experience in Scientific Research.
- 10+ Years of Experience in Counselling (Casual Volunteer).
- A lifetime of In-Depth Learning and Practice of the Art of Psychoanalysis, with 10+ years of Experience Actively Practicing Psychological Counseling as a Volunteer in (& out) a Specialized Institution with People Suffering mainly from PTSD, Trauma and Complex Trauma related Issues.
- 13+ Years of Experience in Academic, Fictional and Non-Fictional Writing (Spanish).
- 6+ Years of Experience in Academic, Fictional and Non-Fictional Writing (English).
- Very high IT skills.
- Starting a **PhD in Psychology & Neurosciences (2023)**.
- Skilled in **Electronic Music Composition**.
- Many awards obtained to the Best Written Short Story.
- Currently in the process of Publishing my Own Biography.
- **Other Certifications:**
 - **Teaching Spanish as a Foreign Language (ELE), Cervantes Institution, 2019** (Achieved 95.68% final grade); English for Academic Purposes + Preparation for IELTS course ([Universal English](#)), 2020; Certificate of Completion, Mad Paws Pet Sitter Success Course, January 2021.
 - Completing accredited short courses in the following subjects; **Language: NAATI** (National Accreditation Authority for Translators and Interpreters – Australia); **Neurosciences and Neuroanatomy**; **Scientific Research, AI, Statistics & Machine Learning** related; & **Physics & Quantum Mechanics**; **IT & Software Development**.
 - Other **Accredited Postgraduate & Undergraduate-Level Independent Courses** (yet to complete) in **Neuroscience, Artificial Intelligence, Machine Learning & Data Science, Physics, Quantum Mechanics, Biology, Chemistry, Electricity and Magnetism** from Institutions like **EC-COUNCIL, EPFL, MIT, ANU, University of Cambridge, University of George Town, Sandford University, Harvard, University of Virginia, Maryland, Hong Kong & Data Camp**, among others.

SPORT ACHIEVEMENTS & ABILITIES

Significant sporting abilities, evident by excellent rugby skills and place at all educational institutions attended as the fastest sprinter, best at the high jump, long jump, acrobatic gymnastics, and climbing, the strongest leg (among both sexes) and arm (among females) power, best balance, and most agile overall. Planning to train for competition.

PUBLICATIONS

Scientific Manuscript (PROVISIONAL TITLE): *The Reality from the Perspective of a Serial Killer: Cases Analysis and Establishment of Patterns* - In the process of getting published (**Accepted for Publication**) & currently **published as a working paper (SSRN & Google Scholar)**.

PROJECT EXPERIENCE

Title: *Mental Control at an Early Age: Characterisation and Effects*

Led a scientific investigation in the field of Forensic Psychology as a Graduate Student during the final year of my Bachelor with Honours in Political Sciences, Public Management, and Sociology at the University of the Basque Country.

- Achieved recognition for providing incomparable and highly valuable academic investigation into a subject not thoroughly studied previously by the field of sociology.
- Defended the study as a cutting-edge contribution in the academic court respective to sociology - *Achieved 80% as a final grade for Research Outcomes, Presentation and Public Defence at the Academic Court.*