

PORTFOLIO Du Beau 2023

*This document contains various
certificates earned and related materials*



107TH INTERNATIONAL ASSOCIATION FOR IDENTIFICATION'S
EDUCATIONAL CONFERENCE
AUGUST 20-26, 2023
NATIONAL HARBOR, MARYLAND

Dr. Amy Du Beau

IN RECOGNITION OF PARTICIPATION IN THE
107TH INTERNATIONAL EDUCATIONAL CONFERENCE

ALEXANDRE BEAUDOIN
CHAIRMAN OF THE BOARD



JOHN GRASSEL
PRESIDENT



107TH INTERNATIONAL ASSOCIATION FOR IDENTIFICATION'S
EDUCATIONAL CONFERENCE
AUGUST 20-26, 2023
NATIONAL HARBOR, MARYLAND

Amy Du Beau

In appreciation of your presentation:

Psychogeographic Analysis of Serialists

ALEXANDRE BEAUDOIN
CHAIRMAN OF THE BOARD

JOHN GRASSEL
PRESIDENT



107TH INTERNATIONAL ASSOCIATION FOR IDENTIFICATION'S
EDUCATIONAL CONFERENCE
AUGUST 20-26, 2023
NATIONAL HARBOR, MARYLAND

Dr. Amy Du Beau

As evidence of participation in the workshop:

W175 - Forensic Testimony Techniques
4 Hours

Heather Conner

HEATHER CONNER
EDUCATIONAL PROGRAM PLANNER

Mary Mattingly

MARY MATTINGLY
CONFERENCE REGISTRAR



107TH INTERNATIONAL ASSOCIATION FOR IDENTIFICATION'S
EDUCATIONAL CONFERENCE
AUGUST 20-26, 2023
NATIONAL HARBOR, MARYLAND

Dr. Amy Du Beau

As evidence of participation in the workshop:

W110 - A Gentle Introduction to the Likelihood Ratio: Basic Ideas, Implementation, and Limitations
4 Hours

Heather Conner

HEATHER CONNER
EDUCATIONAL PROGRAM PLANNER

Mary Mattingly

MARY MATTINGLY
CONFERENCE REGISTRAR

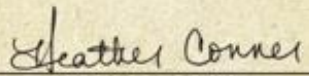


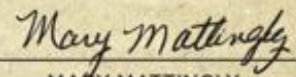
107TH INTERNATIONAL ASSOCIATION FOR IDENTIFICATION'S
EDUCATIONAL CONFERENCE
AUGUST 20-26, 2023
NATIONAL HARBOR, MARYLAND

Dr. Amy Du Beau

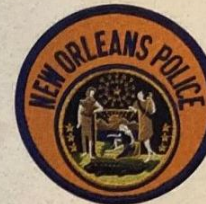
As evidence of participation in the workshop:

W169 - Recognizing Voids and How to Use Them in Bloodstain Pattern Analysis
4 Hours


HEATHER CONNER
EDUCATIONAL PROGRAM PLANNER


MARY MATTINGLY
CONFERENCE REGISTRAR

- Andresen (2017). A spatial analysis of crime in Vancouver, British Columbia. <https://doi.org/10.1017/S2542-0256.2016.00252>.
- Sarta & Villalta (2017). Review: principles of geographical profiling. <https://doi.org/10.47548/2016-0107.20001433>.
- Proctor et al. (2016). A temporal and spatial analysis of homicides. <https://doi.org/10.1016/j.jcrp.2016.03.006>.
- De Bruin (2012). <https://www.tandfonline.com/doi/abs/10.1080/14487937.2012.684446>.
- Hickey (2016). Serial murderers and their victims. ISBN: 978-1325616193.
- Falcon (2017). Improving geographic profiling through counterintelligence/terrorist prediction. <https://doi.org/10.1080/15337876.2017.1350425>.
- Cantor (2003). Mapping murder: the secrets of geographical profiling. Virgin Books, UK.
- De Bruin (2010). <https://www.tandfonline.com/doi/abs/10.1080/14487937.2010.508746>.
- van der Kamp & van Koppen (2017). Fine-tuning geographic profiling. *Koedat*. ISBN: 978-1298026699.
- Saizawa et al. (2017). https://www.researchgate.net/publication/316116076_counterintelligence_terrorist_prediction.



*The International Homicide Investigators Association in
partnership with the Federal Bureau of Investigation, Jefferson
Parish Sheriff's Office, and New Orleans Police Department
present the*

28th Annual Homicide Training Symposium

This certifies that

Amy Du Beau

Has successfully completed the training, consisting of 36 hours of
specialized instruction in homicide and violent crimes investigations.

**August 8-12, 2022
New Orleans, Louisiana**

A handwritten signature in black ink, appearing to read "P. Belli".

Paul Belli
IHIA President



A handwritten signature in black ink, appearing to read "N. Graham".

Nathan Graham
IHIA Secretary

International Homicide Investigators Association



this is to certify that

Amy Du Beau

*is an ACTIVE member of the
International Homicide Investigators Association*



In witness whereof the International Homicide Investigators Association has caused these presents to be signed by its President and its seal to be affixed hereto.

A handwritten signature in black ink, appearing to read 'P. Beli'.

Paul Beli
President

issued October 28, 2022

In Partnership with the International Association for Identification

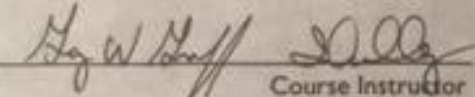


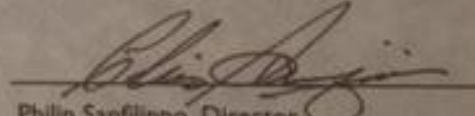
Certificate of Completion

Amy Du Beau, Ph.D.

*has successfully completed a 40 – hour course of instruction entitled
Bloodstain Pattern Analysis Workshop
Alexandria, Virginia*

Presented June 29, 2018


Course Instructor


Philip Sanfilippo, Director
TRITECHFORENSICS Training Division

6+ months of
study to earn this
diploma

The Forensic Criminology Institute

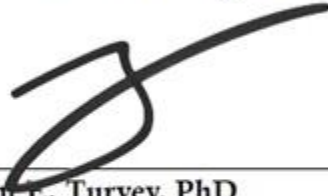
On recommendation of the Faculty, and having fulfilled all necessary
academic requirements, The Forensic Criminology Institute confers upon

Amy Du Beau

a **Professional Diploma** in

Criminal Profiling & Crime Scene Analysis

with all of the honors, rights and privileges appertaining thereunto.
Conferred by the Board of Directors on the 1st day of August, 2019.



Brent E. Turvey, PhD
Director / Instructor
The Forensic Criminology Institute, LLC



Aurelio Coronado, PhD
Program Director / Instructor
The Forensic Criminology Institute, LLC

John E. Reid and Associates

Chicago, Illinois

Hereby Certifies That

Amy Du Beau, PhD

Attended and successfully completed a course on

The Reid Technique of Investigative Interviewing & Advanced Interrogation



June 2 - 5, 2020

24 Continuing Professional Education Credits Awarded

Richard C. Hoburg
Course Instructor



Certificate of Workshop Completion

Bloodstain Reconstruction Workshop (half-day)

Awarded to

Amy Du Beau, PhD

Ottawa, Ontario, Canada

October 3, 2018

Handwritten signatures of Iris Dalley Graff and Gary Graff in black ink.

Iris Dalley Graff & Gary Graff
Workshop Instructors

Handwritten signature of Gord Lefebvre in black ink.

Gord Lefebvre
President & Host



Certificate of Workshop Completion

**An introduction to HemoSpat:
Impact Pattern Analysis & Visualization (half-day)**

Awarded to

Amy Du Beau, PhD

Ottawa, Ontario, Canada

October 3, 2018


Andy Maloney
Workshop Instructor


Gord Lefebvre
President & Host

Certificate of Attendance

Amy Du Beau

attended ninety minutes of instruction in

**Scientific Foundations for Bloodstain
Pattern Analysis**



International Association of
Bloodstain Pattern Analysts

October 13, 2020
Online Webinar

Celestina Rossi, IABPA President

Jeremiah A. Morris, Instructor

*International Association of Bloodstain
Pattern Analysts*

This is to certify that

Amy Du Beau

is a member in good standing of the IABPA
Established November 18, 1983



October 5, 2018

Date

A. LeBeau

President





104TH INTERNATIONAL ASSOCIATION FOR IDENTIFICATION'S
EDUCATIONAL CONFERENCE
AUGUST 11 - 17, 2019
RENO, NEVADA

Dr. Amy Du Beau

IN RECOGNITION OF PARTICIPATION IN THE
104TH INTERNATIONAL EDUCATIONAL CONFERENCE

RAY JORZ
CHAIRMAN OF THE BOARD

LISA HUDSON
PRESIDENT



SOLVING CRIMES USING RELATIVES' DNA:
FORENSIC GENETIC GENEALOGY (FGG) AND FAMILIAL DNA SEARCHING (FDS)
APPLICATIONS FOR CASEWORK

This certifies that

Amy Du Beau

has successfully completed the Symposium on the topic of:
Solving Crimes Using Relatives' DNA

December 4, 2020

Stephen J. Shiner
Director of Training



Dr. Henry C. Lee
Founder and Distinguished Professor



Advanced Forensic Science Webinar

This certifies that

Amy Du Beau

has successfully completed a 5-part webinar series consisting of lectures pertaining to crime scene investigation, documentation, pattern evidence reconstruction, bloodstain pattern examination and analysis, trace evidence analysis, and forensic DNA evidence.

June 22 – 26, 2020


Stephen J. Shiner
Director of Training


Dr. Henry C. Lee
Founder and Distinguished Professor



In Partnership with the International Association for Identification



Certificate of Completion

Amy Du Beau

has successfully completed an 3 - hour webinar entitled

Bloodstain Pattern Recognition

Presented January 14, 2021

Sharon L Plotkin

Course Instructor

Philip Sanfilippo

Philip Sanfilippo, Director
TRITECHFORENSICS Training Division



INTERNATIONAL ASSOCIATION FOR IDENTIFICATION
EDUCATIONAL CONFERENCE

AUGUST 11 - 17, 2019
RENO, NEVADA

Dr. Amy Du Beau

As evidence of participation in the workshop:

W022 - Impact Pattern Reconstruction
4 Hours

LESLEY HAMMER
EDUCATIONAL PROGRAM PLANNER

ROY REED
CONFERENCE REGISTRAR



INTERNATIONAL ASSOCIATION FOR IDENTIFICATION
EDUCATIONAL CONFERENCE

AUGUST 11 - 17, 2019
RENO, NEVADA

Dr. Amy Du Beau

As evidence of participation in the workshop:

W042 - Blood enhancement versus blood detection
8 Hours

LESLEY HAMMER
EDUCATIONAL PROGRAM PLANNER

ROY REED
CONFERENCE REGISTRAR



INTERNATIONAL ASSOCIATION FOR IDENTIFICATION
EDUCATIONAL CONFERENCE

AUGUST 11 - 17, 2019
RENO, NEVADA

Dr. Amy Du Beau

As evidence of participation in the workshop:

W008 - Examination of Bloodstains and Bloodstain Patterns on Clothing
3 Hours

LESLEY HAMMER
EDUCATIONAL PROGRAM PLANNER

ROY REED
CONFERENCE REGISTRAR



Certificate of Recognition

Global Scientific Guild wish to thank

Dr. Amy Du Beau

Alaska Pacific University, United States

for her phenomenal and worthy oral presentation on
“Psychogeographic Analysis of Serialists”
at the 4th Global Webinar on Forensic Science
held during March 25-27, 2022



Conference Chairman

Prof. Anthony Schembri

*Former Police Commissioner in New York,
United States*

Conference Co-Chairperson

Prof. Anna Barbaro

*President, Worldwide Association of
Women Forensic Experts (WAWFE), Italy*



Certificate of Recognition

Global Scientific Guild wish to thank

Dr. Amy Du Beau

Matanuska Forensic Science, LLC, United States

for her phenomenal and worthy oral presentation on
“Psychogeographic analysis of serialists”
at the 3rd Global Webinar on Forensic Science
held during November 19-21, 2021



Conference Chairman
Prof. Anthony Schembri
*Former Police Commissioner
in New York, United States*

Conference Co-Chairman
Prof. Anna Barbaro
*President, Worldwide Association
of Women Forensic Experts
(WAWFE)*

Graduate semester course,
Bloodstain pattern analysis

January – May 2018

& Crime and delinquency, 3 credit course
University of Alaska Anchorage
(transcript not shown here)

January – May 2016

NE.UF - Unofficial Transcript

<https://one.uf.edu/transcript/>

ONE.UF

Search ONE.UF

2

Amy E Du Beau ▾

Basis of Admission: Walk-In

Residency Status: Non-FL USA Resident/Tuit (N)

EXPAND ALL

COLLAPSE ALL

Undergraduate and/or Certificate Record

UF CUM Undergraduate and/or Certificate GPA: 0.00

Total Hours: 0.00 ⓘ ^

UF CUM Grade Points: 0.00

UF CUM Hours Earned: 0.00

UF CUM Hours Carried: 0.00

Transfer Hours: 0.00

Spring 2018 ^

UNIVERSITY OF FLORIDA

College: The College of Pharmacy

Term GPA: 0.00

Hours Earned: 0.00

Level: Non-Degree

Hours Carried: 0.00

Grade Points Earned: 0.00

PHA6856 (18029)

Blood Splatter Distr

Grade: A

Credit
Attempted: 3.00

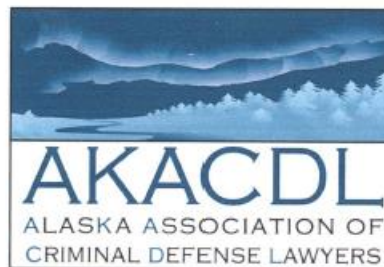
Credit Earned:
0.00

Credit for GPA:
0.00

Grade
A



Federal Bar Association
Alaska Chapter



CERTIFICATE OF ATTENDANCE

ALASKA BAR ASSOCIATION
CONTINUING LEGAL EDUCATION CREDIT

This certifies that Amy Du Beau has attended the CLE presentation:

"Mental Health and the Criminal Justice System"

Speaker: Dr. Bowman Smelko.

Presented by the Alaska Association of Criminal Defense Lawyers, Inc. and the Alaska Chapter of the Federal Bar Association.

Wednesday, March 6, 2019 at the 49th State Brewing Company, Anchorage, AK.

Under the guidelines established by the Alaska Bar Association, this program has been approved for **1.5 hours of General CLE Credit**.

For questions regarding CLE credits, please contact the Alaska Bar Association at (907) 272-7469/email: cle@alaskabar.org

Dated: March 6, 2019

/s/
Darrel J. Gardner, AKACDL & FBA-Alaska Board of Directors

Invited Speaker

Dr. Amy Du Beau

Matanuska Forensic Science,
LLC

4th Global Webinar on
Forensic Science

March 25-27, 2022

Title:

Psychogeographic Analysis of Serialists

+91 9491 456 452

ForensicScience@glsguild.com

www.globalscientificguild.com/forensic-science/

with You

Du Beau

Psychogeographic profiling

Comparative case study analysis

Dr Amy Du Beau

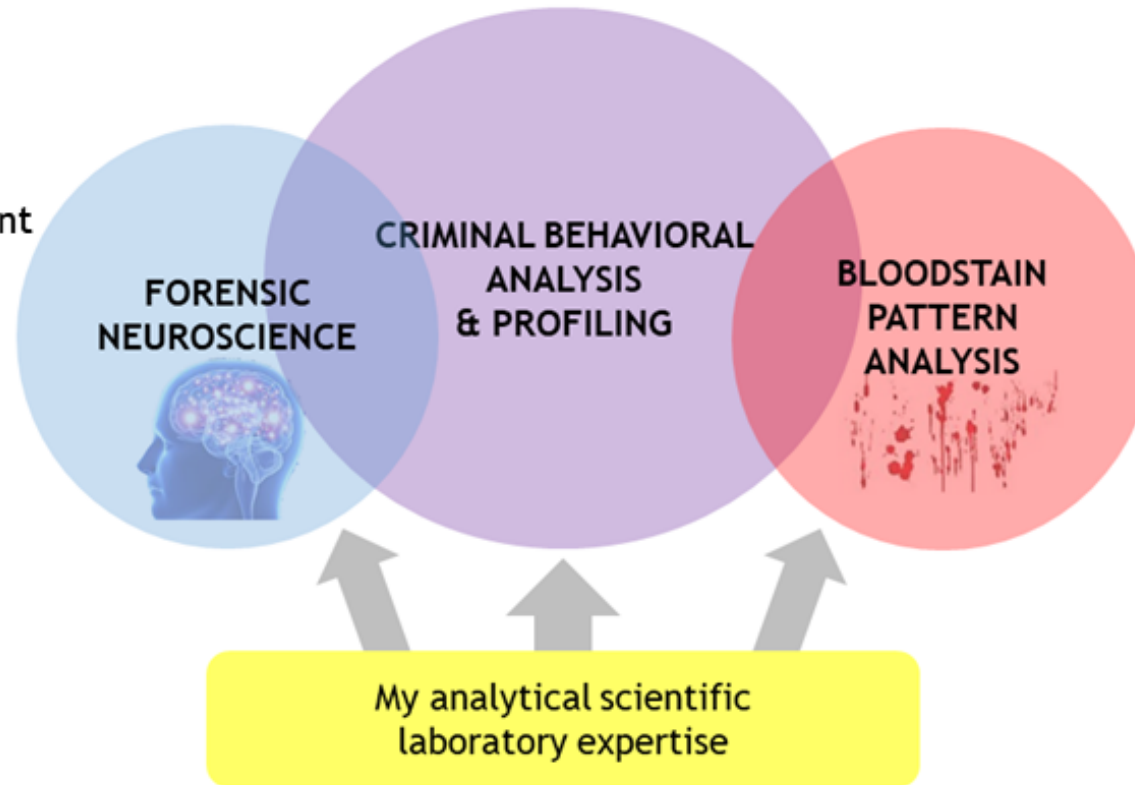
Matanuska Forensic Science, LLC
Anchorage, Alaska



My memberships and affiliations:



- Neurochemistry & neuroanatomy underlying violent criminal behavior
- Scientific method, analysis & logic
- Imaging techniques



- Physical crime scene features
- Scene reconstruction & sequencing events
- Biomedical approach

- Psychogeographic profiling & mapping
- Reid interrogation technique

Forensic neurobiology underlying violent criminal behavior

Amy Du Beau, PhD

Matanuska Forensic Science
Palmer, Alaska 99645 USA

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Glasstree Academic Publishing

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Abstract: Violent criminal behavior may be a sequela of functionally and structurally compromised prefrontal and corticolimbic cortices. These anatomically distinct yet functionally integrated regions of the human brain confer qualities of moral sensibility and intentionality of action. Criminal behavior leading to conviction necessitates the commission of a prohibited act, *actus reus*, coincidentally occurring with a guilty state of mind, *mens rea*. Sentencing determinations markedly differ for those who intentionally violate compared to reckless acts and such outcomes can be critically life-impactful. However, making inferential assessments about an aggressor's mental state can be a challenging task for legal experts. This meta-analysis reviews how the functional somatotopy of brain regions associated with aggression can be forensically assessed to contextualize violent criminal behavior to facilitate legal processes. Because brain scans have diagnostic credibility, by extension, they are increasingly becoming persuasive forensic evidence. A centralized neuroimaging database may emerge as a game-change for legal processes. The intercalated framework of neurolaw uniquely offers great power to elucidate criminological factors within the statute.

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Abbreviations: American Psychiatric Association, APA; Antisocial Personality Disorder, ASPD; Computerized Axial Tomography, CAT; Deoxyribonucleic Acid, DNA; Diagnostic and Statistical Manual of Mental Disorders, DSM; Electroencephalogram, EEG; Frontotemporal Lobe Degeneration, FTD; Functional Magnetic Resonance Imaging, fMRI; Intellectual Disability, ID; Positron Emission Tomography, PET; Traumatic Brain Injury, TBI

Keywords: Aggression, Neuroanatomy, Neuroimaging, Neurolaw, Neuroscience, Psychopathy

I have numerous popular forensic science articles, examples below:



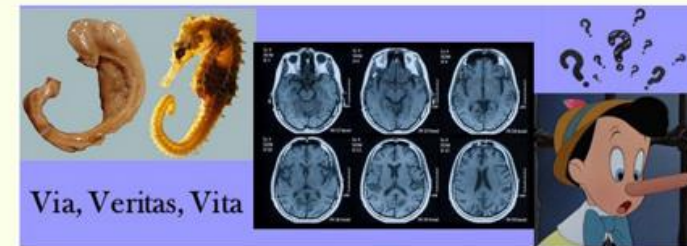
SLEEP AND VIOLENT BEHAVIOR

My report investigating the neurobiology underlying sleep and the forensic implications of sleep related violent behavior.



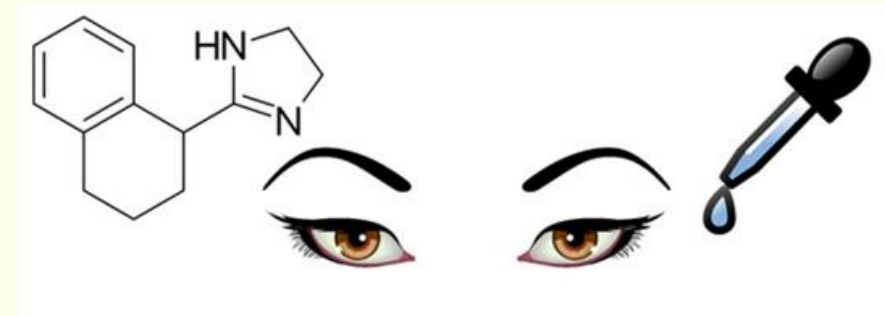
THE CURIOUS INCIDENT OF THE NEUROLEPTIC PRESCRIPTION

My exposé exploring neuroleptic action at the neuronal and neurochemical level with emphasis on the efficacy of off-label prescribing and diagnostic criteria.



DETECTING DECEPTION

Can you detect a lie? Adjudicators of the law might question whether suspects, witnesses and/or victims are lying or accurately recalling the truth. While perceptual interpretations necessarily vary somewhat, there is only one truth that is reality. The brain is the cardinal transgressor in the commission of a crime, prescient to the realistic accounting of actions and observations.



EYEDROPS & PREMEDITATED MURDER

Forensic toxicology behind eye drops. Who knew?