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# 2004 I.A.B.P.A. Officers

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## President's Message:

Seasons Greetings!

The end of 2004 is fast approaching and with it brings thoughts of peace, joy, and hope for the coming New Year.

I would like to thank those that were able to attend our 2004 Conference in Norm's back yard in Tucson, Arizona. I would have thought, and I mentioned this at the conference, that after organizing two conferences in the past, perhaps Norm was suffering from a diminished capacity when he agreed to host yet a third conference and bring us all back for 2004. In any event, the conference was a huge success largely to your participation. I would especially like to thank those individuals that traveled such great distances to be with us this year. It was very nice to see our European members, as well as, those from South Africa and New Zealand. I thank all the members for attending and Norm for all his time and dedication for organizing a great conference. If for whatever reason you missed us this year, I hope you're able to join us next year in Santa Barbara, California.

A very special thanks to IABPA Vice President of Region V Adrian Emes who is stepping down from his position for 2005. I thank you for your efforts over the past year Adrian and wish you nothing but success in your new endeavors.

Just a reminder, before the end of the year I would ask that you complete the Proficiency Testing survey that was enclosed in the last edition of the NEWS. Please forward the completed forms to VP Region I – Pam Bordner. Once completed, the final results will be printed in an upcoming edition of the NEWS.

On behalf of all the Officers of the IABPA, I would like to extend our warmest holiday wishes to you, your family and loved ones. Have a very Merry Christmas and a Happy New Year.

*Take care of yourselves and be good to one another.*

William (Bill) Basso

## **Canada/Guatemala and the Royal Canadian Mounted Police**

### ***An Evolution of Cooperation in Forensic Training***

S/Sgt. Jack Mellis

N.C.O. i/c

Regional Forensic Support Service Vancouver

On March 1, 2002 an agreement was signed between the Canadian and Guatemalan Governments to improve criminal investigation and improve the capacity for strengthening the justice system in Guatemala. The project was a co-operative venture involving the Criminal Justice Branch of the Ministry of the Attorney General of British Columbia, the Royal Canadian Mounted Police, the Law Courts Education Society of British Columbia, the Public Ministry of Guatemala, the Coordinator of Legal Matters in Human Rights (CALDH) and the National Civil Police of Guatemala.

The Forces initial forensic involvement began in May of 2001, when S/Sgt. Jack Mellis and Sgt. Brian McCourt of the Vancouver Regional Forensic Identification Support Service provided a two day introductory forensic crime scene examination class at the AE Division Fairmont Training Centre. The candidates consisted of twelve Guatemalan prosecutors responsible for directing criminal investigations. The course was conducted using two Spanish speaking interpreters and course material translated into Spanish. An additional group arrived in Vancouver in the spring of 2002, to receive exposure to the Canadian law processes and received selected forensic lectures.

The success of the initial course resulted in a request from the Guatemalan government and non- government agencies to provide an introductory forensic crime scene course in Guatemala with the goal of training Guatemalan instructors to train their own people. Due to the political and cultural realities in Guatemala, it was decided that transparency in their training be paramount. The course candidates were to be a combination of prosecutors and police and restricted to those persons doing actual operational crime scene investigations. The foundation for the course was laid. However, S/Sgt. Mellis was seconded as the forensic identification coordinator to Project Evenhanded - Picton Mass Homicide case, and Sgt. McCourt was transferred to Halifax in February of 2002, necessitating alternate organizational plans. Sgt. Dave Kirkby of the Nanaimo Forensic Identification Service, obtained a passport and inoculations on short notice and journeyed to Guatemala. He was involved in meetings with the Canadian ambassador, various Guatemalan government and human rights representatives to assess the forensic resources available in Guatemala. The assessment and recommendations resulted in AE Division Forensic Identification members, Sgts. Kirkby, Steve Gehl, Keith Sutherland and Cpl. Gordon Misner assembling donated crime scene equipment kits and translated lecture material. The four members in teams of two, including Mr. Rick Craig of the Law Courts Education Society and former member, Mr. Cal Deedman of the B.C. Criminal Court of Appeals, proceeded to Guatemala in April of 2002. Our forensic experts provided hands-on lectures in Guatemala City and other major locations at two week intervals for a period of one month. In addition, they distributed major crime scene kits to relevant criminal justice agencies.

In February of 2003, S/Sgt. Mellis, Mr. Rick Craig, Mr. Cal Deedman, Mr. Tony Heemskerk-Assistant Deputy Solicitor General of British Columbia and Mr. Mason Loh-Director of Law Courts Education Society of British Columbia, traveled to Guatemala to assess the effectiveness of the courses given by our members and the resulting lectures delivered by selected Guatemalans to their police and prosecutors.

A series of meetings were conducted with the Canadian ambassador, Human Rights Minister, Attorney General and other organizations and individuals regarding the overall objectives of the training project. The basic course met its objectives, of the recognition, collection and submission of forensic evidence. It also provided an attitude of co-operation between the police and prosecutors with over 350 lectures having been given to date. This was unusual and significant, given the past and present political and cultural environment of Guatemala where prosecutors and police seldom if ever attended joint classes. It was ascertained that a more comprehensive forensic crime scene course was required and should be provided to a select number of prosecutors and police who would become a training and investigative resource within their country.

The five week Scenes of Crime Officer Course (Advanced) was developed. It was based on the material and content of the approved RCMP course training standard, and which was essentially the course provided to our members with the inclusion of subjects and techniques more relevant to Guatemala. The course was to be delivered entirely in Spanish, using primarily regular member interpreters and lecturers. After considerable planning and lesson preparation, selection of and obtaining the release of lecturers and interpreters, and the accumulation of donated supplies and equipment, twelve candidates were selected. In-depth lectures, with an emphasis on theoretical and practical applications were taught with an ever increasing degree of information, experience and expectations that culminated in a complete forensic examination and processing of major crime scenes. The evidential presentation procedures were applied in a mock trial based on the Guatemalan court system. A Canadian court expert witness testimony trial was observed. Lectures were provided in photography, fingerprint processing, physical evidence, measurements and plan drawings, examination of vehicles, buildings, outdoor scenes, aerial photography, first responders, bloodstain pattern analysis, forensic odontology, forensic anthropology, preparation of evidence for court, expert witness testimony and a mock trial. There was also a tour of a crime detection laboratory. Written and practical examinations were administered throughout the course with a minimum of 70% required to pass each subject.

The Pacific Region Training Centre at Chilliwack, B.C. was an excellent training facility with accommodation, meals and exercise equipment second to none. The classrooms, crime scene theme rooms and out-buildings provided a magnificent learning environment for the duration of the course. The course ran from Monday through Friday with weekend excursions planned that allowed the Guatemalans to experience Vancouver/Victoria areas and events.

The project involved participation of approximately thirty-one members and other personnel, all volunteers from various identification sections and other units within the lower mainland. They spent a maximum of five days at the training centre with accommodation and meals supplied as required. The direct benefit to the Royal Canadian Mounted Police was that we have met our commitments to assist other agencies and governments. We have developed a new generation of forensic identification training resource personnel through planning, preparing and

delivering their subject material to international candidates that increased their expertise and presentation for court. An additional educational benefit of the course was the open invitation to all Lower mainland RCMP Forensic identification apprentices to attend relevant lectures. The National Film Board representatives filmed the entire process of arrival at Vancouver, segments of the course and closing ceremonies to be followed up with segments in Guatemala and ultimately the production of a documentary.

The Guatemalan prosecutors and police representatives have been provided with all of the translated lecture and presentation material used in the production of the Scenes of Crime Officer Course (Advanced). They have been provided with the equipment, information and experience to make a meaningful difference in the processing of major forensic crime scenes and the presentation of the crime scene evidence into their legal system. The course highlighted the importance of good leadership and instilled a spirit of cooperation and team building between police, prosecutors, other agencies and most importantly the public. At the closing ceremonies and awarding of certificates, a representative from the prosecutors, police and non-government agency, each expressed their sincere appreciation to Canada and the Royal Canadian Mounted police in providing and allowing them to attend and participate in the course. They reiterated that they would not let us down and intend to put into practice and pass on what they have learned. Hopefully, we have played a small part in helping and assisting others to help themselves.

I wish to thank the Commanding Officer of AE@ Division, Deputy Commissioner Bev Busson, Superintendent Richard Barszczewski, Inspector Mike Aubrey and Inspector Edward Podworny and S/Sgt. Major Hugh Stewart for their support and co-operation of this project.

S/Sgt. Mellis is a 38 year member of the Royal Canadian Mounted Police and is the N.C.O. i/c of the Vancouver Regional Forensic Identification Support Service. He is an expert in fingerprints, bloodstain pattern analysis and crime scene examination.



*S/Sgt Jack Mellis (second from right in top row) meeting with the Attorney General of Guatemala in Guatemala City in February of 2003*

**ABSTRACTS OF PAPERS PRESENTED AT THE  
IABPA ANNUAL CONFERENCE IN TUCSON, ARIZONA  
OCTOBER 6 - 8, 2004**

**Traumatic Brain Injuries and Subsequent Effects of the Movement or Non-Movement of the Victim**

Dr. Diane Karluck  
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The central and peripheral nervous systems drive motor, congenitive and vegetative functions that are localized to specific anatomic regions within the neuroaxis. The severity of neurologic impairment due to injury thus depends on where their injury is located. This presentation will address the potential capabilities a person has, given an injury to a particular part of the nervous system.

**Bloodstains on Fabrics**

Joe Slemko  
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This presentation will be a follow-up to an article published in the December 2003 issue of the IABPA News. It will provide a detailed explanation of the methodology used and an expanded review of the results of the experimentation that due to space limitations could not be published in the original article.

**Innovative Application of Bloodstain Pattern Analysis**

Joe Slemko  
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Two cases will be presented where the principles of bloodstain pattern analysis were applied to different liquids. The first case involved a fraudulent insurance claim of damage caused by paint spillage.. The second case involved burn patterns on skin caused by hot water.

## **The Use of BPA Modeling in Investigations**

Peter Lamb  
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This presentation will describe the investigation of a late night assault on a young man. The victim was savagely beaten, kicked and stomped that resulted in a fractured skull, nose and jaw. The suspect and victim had both consumed large quantities of alcohol. This hindered the police interview of the accused and the treatment of the victim by medical personnel. The victim was transported to a hospital and remained in a coma for several days and had only a partial recollection of the events that led to the assault.

Laboratory examination of the accused garments was difficult due to the rain that had fallen during the period of the time of the assault and the resultant condition of the blood soaked garments. However, there was evidence of kicking and stomping. The examination of the evidence by a defense scientist and a report that the accused in an intoxicated condition had merely stumbled against the victim subsequent to the assault thus giving an explanation for the presence of blood of the victim on the accused garments.

Several experiments were conducted in order to assist with the evaluation of the opposing opinions and will be discussed in this presentation. Ultimately the case proceeded to trial and a jury found the accused guilty and he was sent to prison.

### **Two Down – One Dead**

Charleen Marie  
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When Erika Jantz decided to leave her husband, he asked her to come over to discuss financial matters. He then called his mother and asked her to pick up their son.

We arrived at the scene to find two people down – Erika Jantz was obviously dead in a supine position in the kitchen with a pool of blood on the floor around her head having sustained a cut throat that severed her spinal column. There was also injury to the back of her head. Her husband, Roger Jantz was face down in vomitus on the living room carpet but still breathing. Emergency personnel removed him from the scene in critical condition.

The crime scene search revealed Mrs. Jantz's partially burned underwear in the backyard barbeque. One of their two dogs was missing. Bloodstained ropes were found tied to the corners of

their bed with unstained pieces of rope beneath the sofa cushions. Numerous passive blood trails and bloody shoe prints led up and down the hallway, through the kitchen, living room, both bathrooms and the master bedroom. A broken frying pan without a handle was found in the hallway. Additional items discovered were five bloodstained knives, bloodstained containers of over the counter and prescription medications and a case of mostly empty bloodstained Budweiser beer bottles. It required three days to document and collect the physical evidence from the scene. The scene was diagrammed and bloodstain pattern analysis was utilized in conjunction with conventional enzyme typing and DNA analysis to reconstruct the sequence of events that led to the death of Erika Jantz. The reconstruction was shown to the jury and the husband, Roger Jantz was convicted of pre-meditated, first degree murder and sentenced to life in prison without the possibility of parole.

### **The Use of Postmortem CT-Scans in Shotgun Wounds – Correlation of Radiological and Autopsy Findings**

Silke Brodbeck\*, K. Englemann, H.L. Reinsch, H. Bratzke and T.J. Vogl

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Modern medical examination techniques are beginning to find their way into forensic pathology. The CT-Scan is a standard clinical procedure for diagnostic purposes. This presentation will discuss CT-Scans performed in cases of fatal shotgun wounds and the results correlated to autopsy findings. Autopsy proved to be the more complete method of examination whereas the CT-Scan showed a superior performance for the detection of gas emboli and bone destruction. Biochemical parameters could only be traced via autopsy. Differences between both techniques are demonstrated. The future utilization of the postmortem CT-Scan was discussed.

### **A New Chemical Process to Detect Washed Bloodstains - Bluestar™**

Philippe Esperanca

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Bluestar™ is a new chemical process to detect washed bloodstains that have been a challenge for forensic investigators. Surface texture and household cleaning materials can affect detection of possible blood and/or subsequent DNA analysis when luminol preparations and common presumptive tests for blood are utilized. A partnership with ROC IMPORT Company led to the development of a new luminol formulation, Bluestar™ to detect latent blood at crime scenes.

## **Chronic Venous Insufficiency Syndrome**

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This presentation will provide information pertaining to the medical condition, Venous Insufficiency Syndrome and the bloodstain patterns produced by a ruptured varicose vein. The case involved an elderly couple with large amounts of blood in their residence that DNA analysis indicated was the blood of the wife. She exhibited no bloodletting injuries when she was examined at the hospital emergency room. Subsequent investigation and research revealed that she hemorrhaged from her acutely swollen varicose vein without realizing it. Many projected bloodstain patterns were present throughout the residence that resembled arterial spurt patterns.

## **Another Confusing Bloodstain Pattern**

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The purpose of this paper is to remind those who practice the discipline of bloodstain pattern interpretation that they should always exercise caution when they form conclusions regarding the mechanism that most likely produced a particular bloodstain pattern. All too often I have listened to testimony or read a court transcript where the so-called “expert” has stated that the very small spots of blood in a bloodstain pattern are so fine that they resulted from a mist-like projection of blood produced by “high velocity blood”! Notwithstanding they meant “high velocity impact spatter” but that is another issue. The problem is that they fail to recognize alternate explanations which might equally have occurred and could also explain what actually happened.

In an effort to educate those who need more education in this area, several patterns which are similar in appearance to high velocity impact spatter, but in fact are not, will be shown. It is not the purpose of this paper to supply an attorney with examples of what looks like, but are actually not, high velocity impact spatter patterns. Nevertheless, it would be naïve not to think that they would be useful for the cross-examination of a witness who has testified that he or she can look at a bloodstain pattern and state with certainty that it resulted from a gunshot wound to the exclusion of any other mechanism. No one can do that. Based upon a bloodstain pattern alone it is impossible to state anything more than the pattern is consistent with, and could have been produced as a result of a high velocity impact to a blood source such as a gunshot wound.

## **Where's the Weapon?**

Pam Bordner  
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This presentation is a review of a 2001 case involving a deceased male found in his home with a gunshot wound to the front of his head. The local police agency requested my assistance with bloodstain pattern analysis because “there was blood from one end of the house to the other” as well as in the effort to locate the gun. They had not yet made a determination as to whether this was a homicide or a suicide.

## **City of Windsor Homicide Case**

Scott Lamont  
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On September 21, 2002 I attended a homicide scene at a residence in the City of Windsor for the purpose of conducting a bloodstain pattern analysis. The victim of this homicide was found lying naked on the hallway floor with several lacerations to his hands and upper body. Extensive amounts of bloodstains were present in six room and hallways of the residence.

Among the bloodstain patterns present were barefoot transfer impressions and footwear transfer impressions on the floor. The transfer impressions were processed with amido black and subsequently revealed friction ridge detail in the barefoot impressions and accidental characteristics in the footwear impressions. An improvised grid technique was utilized to photograph the bloodstains on a long narrow hallway at 90 degrees. There were several other unique bloodstains located within the scene.

As a result of the bloodstain pattern analysis it was determined that the suspect(s) were responsible for depositing the barefoot and footwear transfer impressions. Unreliable information from detectives resulted in the arrest of a suspect in this case. A bodily impression warrant was completed with the suspect. The impressions taken from the suspect were compared to the crime scene impressions. It was determined that the suspect had deposited the right second toe impression in the victim's blood. Foot morphology was used to show that the suspect had worn a pair of boots that were found to have left the footwear transfer impressions in the victim's blood. This evidence was crucial for the Crown Attorney's case.

The grid pattern that was used to photograph the hallway was later patched together and allowed a fellow analyst to view the bloodstains on the wall exactly as I had viewed them. Without this

technique the overall photographs would have been taken at sharp angles and been difficult to examine and analyze.

### **The Directional Analysis of a Bloodstain Pattern Located on a Sloped Ceiling**

A.L. Carter, Rachel Collins, Serge Larocque and Brian Yamashita\*

\* Presenter

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Bloodstain pattern analysts often use strings or tangent calculations to determine the approximate location of a source of blood spatter. More recently, analysts have had access to computer programs that will back-calculate the trajectory of blood to find the point or area of origin. The BackTrack suite of programs is able to incorporate into its calculations bloodstains from all four walls, the ceiling, the floor and one offset surface parallel to each of these six surfaces. The program is easy to use and accurate and is being used by various police agencies in Canada, the United States and Europe.

The Directional Analysis calculations carried out by the conventional BackTrack program can combine data from a total of twelve surfaces in a crime scene, but all of these surfaces must be parallel to one of the three Cartesian planes. It has been recognized that in a real-life scenario, angled surfaces are often encountered. A new version of BackTrack will be described that will allow the operator to include these angled surfaces in the calculation. In this research project, blood was spattered on a combination of flat and angled walls. The bloodstain patterns were first analyzed using the stringing method and then the data were entered into the modified BackTrack program to demonstrate that the new program could also handle angled surfaces.

### **Evaluation of “Non-Replenishing” Blood Drip Trails**

Matt Noedel

Washington State Patrol Crime Laboratory

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A double homicide of two adult parents and the evisceration of their seven year old daughter was discovered when the daughter did not arrive at school. Examination of the crime scene revealed many varied and complex bloodstains.

One pattern visible in the house was visually consistent with a blood drip trail that began at the upstairs bed, continued out of the room and down the stairs, then terminated around the corner. DNA analysis revealed that the blood was from the deceased victim located upstairs and further that additional castoff bloodstains downstairs were also from the upstairs victim. The position of the

victim, the mode of death and blood spatters around the upstairs victim strongly suggested that it would have been impossible for him to have moved after receiving three fatal stab wounds to the neck.

Experimentation was conducted in an attempt to reconstruct the blood drip trail and associated castoff stains. A variety of weapons saturated with blood and methods of deposition were tested.

### **The Murder of Jesper Holstebro**

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On the morning of May 8<sup>th</sup> 2003, Jesper, Simon and Anders drove to the Southern part of Sealand to pick up 100.000.00 Danish kroner ( approximately 16,000 USD) that Simon had kept for Jesper. The money was buried in the garden of Jesper's grandfather. The truth was that Simon had spent the money and that was the reason that Simon was accompanied by his close friend, Anders to protect him. Twenty miles before they arrived at the location of the grandfather's garden, they stopped the car and shot Jesper twice in the head. One bullet entered his right cheek and exited his left cheek. The second bullet entered the back of Jesper's head and did not exit. He was pulled out of the car and placed into a ditch.

Both Simon and Anders were arrested the following day and accused each other of the homicide. Their discarded clothing and the pistol was recovered. Bloodstain pattern analysis was performed on the clothing and the vehicle to determine the placement of the three individuals in the vehicle and who fired the shots that killed Jesper,

### **Bangkok, Thailand Case Study – Murder or Suicide**

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This is a case presentation that involved a Prime Minister in Thailand who was found shot in his residence in 1999. Originally deemed a suicide, the family began to question the manner of death and the Royal Thai Police retained both Joe Slemko and Norman Reeves. They were unaware that both were working on the case until their reports were submitted. This independent analysis of the case resulted in very similar conclusions thus validating the scientific aspects of the bloodstain pattern analysis.

**INTERNATIONAL ASSOCIATION OF BLOODSTAIN PATTERN ANALYSTS  
ANNUAL BUSINESS MEETING MINUTES  
October 7 and 8, 2004  
Tucson Arizona**

**Officers in Attendance**

Bill Basso, President  
Pam Bordner, Vice President Region I  
John Frederick, Vice President Region II  
Iris Dalley, Vice President Region III  
Norman Reeves, Secretary Treasurer  
Herbert MacDonell, Historian  
Brian Kennedy, Sergeant at Arms  
Mark Seiden, Legal Representative – not present

**7 October 2004**

President Basso called a special session of the business meeting to order at 1:10 P.M. President Basso requested a motion to approve the nomination of Stuart H. James as a Distinguished Member of the IABPA. The motion was made and seconded and approved by the body.

**8 October 2004**

A quorum of members was present at the meeting. President Basso called the business meeting to order at 10:40 A.M.

President Basso asked for any additions to the agenda posted in the hospitality room and there were none. Johnny Aycock made a motion to accept the agenda and the motion was seconded by Kim Duddy. The motion was approved.

President Basso indicated the list of provisional members which was located in the hospitality suite be advanced to full membership. These provisional members submitted the required request for promotion during the year.

Tom Bevel made the motion to accept those listed for full membership and Craig Stewart seconded the motion. The body approved the motion.

President Basso called for a motion to advance the applicants listed in the hospitality room list from applicant to provisional. A motion to advance the applicants listed to provisional member was made by Johnny Aycock and seconded by Pat Laturus. The motion was approved.

### **Membership Committee Report**

Chairman Norman Reeves indicated that course content was received from instructors and placed on file. Total membership, to include applicants and members, total about 750. Reviews of applications for membership and for promotions are all up-to-date, thanks to the work of the regional vice presidents.

The application fee will now be forty U.S. dollars effective January 1, 2005. This will eliminate some confusion regarding the difference between the dues and the application fee. This increase will also help defray the rising cost of postage.

### **Vice Presidents Reports**

#### ***Region I***

Pam Bordner reports that she processed forty-one applications, thirty new memberships and eleven requests for promotion.

#### ***Region II***

John Frederick stated that he would like to commend Joe Slemko for the nice job he is doing on the website. John also suggested if you are providing training that you contact Joe to have it put on the website.

#### ***Region III***

Iris Dalley indicated that she reviewed thirty one applicants.

#### ***Region IV***

Bob Spalding was not present.

#### ***Region V***

Adrian Emes was not present but submitted a report. Mr. Emes reported by email as follows:

I trust that you have all had a great conference, and I'm very disappointed that I was unable to be with you. My best wishes to the Executive Board and to everyone at the conference.

During this last year there have been 17 applications for membership from this Region. The applicants come from 6 different European countries, and also include 2 from Australia, 1 from New

Zealand, and 1 from the United Arab Emirates. Perhaps Region V should be renamed “Europe and the Rest of the World”.

Looking through the applications it is apparent that the majority of our potential members have attended courses delivered by the top teachers of BPA. In the last two years 25 of the 31 applicants from this Region have attended courses delivered by Herb MacDonell, Paul Kish, Stuart James and Toby Wolson. Their influence is recognized and appreciated by the IABPA.

In recent years in the UK there has been a continuing program of BPA training delivered by me and my colleagues in the Forensic Science Service, three of whom are with you today. We are now considering actively promoting membership of the IABPA to our forensic scientists for whom BPA is an important part of their work. So in the next few years the number of applicants from the UK will continue to increase.

I have been honored to be the first Vice President for the European Region, and I offer my support and best wishes to my successor.

Adrian Emes  
October 2004

### **Treasurer’s Report**

The treasurer’s report was posted in the hospitality area for review by the membership. The IABPA is making a good financial recovery with the help of the last four conferences and increased membership. A net worth graph was shown to the body both in the report and at the meeting demonstrating our financial status.

President Basso stated that the minutes from the 2003 meeting were in the hospitality area and previously published in the December 2003 News. President Basso requested a motion for approval. Ross Gardner made a motion to approve the 2003 business meeting minutes and Kim Duddy seconded it. The motion was approved.

### **Committee Reports**

#### ***Daubert Committee***

Tom Bevel indicates there is nothing to report. It is noted that the Daubert type hearing in Colorado is called the Shreck hearing.

#### ***Ethics Committee***

Tom Bevel indicated that there is nothing in writing to the committee at this time. There are some by-law revisions that have been discussed by the committee and will be published in the upcoming year prior to the 2005 conference.

### ***Proficiency Test Committee***

Pam Bordner reported the results of the survey so far, that was published in the last newsletter. Of 65 responses:

43 are currently tested 22 are not

Of those who do not test 15 wanted to do testing with 1 maybe

On who should provide the testing, 41 want IABPA to test, 5 do not want testing with 1 maybe.

Respondents were 33 law enforcement, 22 government labs, 2 private labs, 10 consultants.

Comments will be compiled and published.

### ***Education Committee***

Ross Gardner indicated that IABPA does not approve courses, only sets standards for accepting or rejecting applicants to the Association. One course reviewed, met the curriculum requirements but discovered there were 70+ students which raises the issue of teacher/student ratios. An addition of recommended student/teacher ration will be added to the IABPA course recommendations.

Bill Basso thanked all the committee members for their work this year and indicated that for those instructing BPA there is a list of test questions for student available from Norm Reeves.

### ***Editors Report***

Stuart James reported that the newsletter's last issue had a style change. Johnny Aycock recommended a printer in Texas that has capabilities of doing different printing styles at a reasonable price. Color photographs will be included in future newsletter when deemed necessary. There are a number of returned newsletters because of undeliverable addresses which is costly to the organization. Members should update their addresses with Norm Reeves.

Herbert MacDonell discussed emailing the newsletter to members who preferred the newsletter via email as a means of reducing costs.

### ***Sergeant at Arms Report***

Brian Kennedy had nothing to report.

### ***Legal Representative's Report***

While present at the conference, Mark Seiden could not make the business meeting. He recommended some changes to the by-laws. Liability insurance for the IABPA board and for upcoming conferences was discussed.

A motion was made by Bart Epstein to obtain the necessary insurance. The motion was seconded by Herbert MacDonell. The motion was approved.

## **Historian's Report**

Herbert MacDonell had relatively few requests for information on the subject of bloodstain pattern interpretation this past year. Two requests came from Canada, one from France and one from England as well as a few states. All were promptly sent.

Various IABPA materials which your Historian maintains have been brought to this meeting. They have been on display for all to review if they so desired.

In 2001 I was asked to assist the son of a former member, now deceased, to assist him with the design of a sculpture that would commemorate his father and our organization. Peter Gohringer has his studio in Rochester, New York. He offered to create a monument that would show something of his father's work back in 1940 and 1941. I sent some typical bloodstain patterns and suggestions to Peter and after waiting over three years I finally received a photograph of his creation. To my surprise it did not follow any of the suggestions I proposed. Rather, it showed blood cells which have nothing to do with the geometry of bloodstain patterns or the instruments we use to take their measurement. I wrote back and advised Peter that I did not think his monument really was suitable for our organization. I have not heard from him since.

Although not necessarily a duty of the Historian, I have again brought and hung all of the flags you have seen in the hotel. I have brought a flag for every country, state and province from whence one or more representatives have come to attend this meeting. Yes, the District of Columbia flag is also on display but I bet not many of you know which one it is. If you want to know what country, state, or province some of the other flags represent just ask me and I'll be glad to tell you.

## **Old Business**

President Basso discussed the by-law changes which were published and provided in the hospitality room. There was a discussion regarding the pros and cons of establishing a region six, ASIAN region. President Basso asked for a vote to approve the by-laws as published and amended. Rex Plant made a motion to approve the changes to the by-laws which was seconded by Ross Gardner. The motion was approved by the body.

Ross Gardner reported his progress of establishing a digital library for the IABPA.

President Basso discussed the progress of establishing a grant for research in the name of Dan Rahn. The board is discussing the format and procedures and will report to the membership.

## **New Business**

The meeting location for 2006 was discussed. The previously discussed European meeting was noted to now not be feasible. Andre Hendrix explained to the membership that it was determined not to be practicable in the near future after discussing it with members of the European contingent.

Jeff Scozzafava made a presentation for Atlantic City New Jersey. He is going to research the venue with his agency and report back to the membership.

Herbert MacDonell made a presentation to the group for having the conference in Corning New York.

### **Nomination Committee Report**

President Basso stated that during a board meeting at the conference, the following members were recommended for the IABPA Board.

PRESIDENT	William Basso
VICE PRESIDENT REGION I	Pamela Bordner
VICE PRESIDENT REGION II	John Frederick
VICE PRESIDENT REGION III	Iris Dalley
VICE PRESIDENT REGION IV	Bob Spalding
VICE PRESIDENT REGION V	Leif Petersen
SECRETARY	Norman Reeves
TREASURER	Mark Seiden
LEGAL REPRESENTATIVE	Herbert MacDonell
HISTORIAN	Brian Kennedy
SERGEANT AT ARMS	

Nominations were then requested of the General Membership. Craig Stuart nominated LeeAnn Singley for Region IV. The nomination was accepted. No other nominations were put forward by the membership.

A motion was made by Tom Griffin to accept and close the nominations and it was seconded by Larry Renner. The motion was approved.

Certificates of appreciation were distributed to those persons volunteering to be on committees of the IABPA, Board members, Newsletters Editor, and Associate Editors.

### **Adjournment**

Pat Laturus made a motion for adjournment. Kim Duddy seconded and the motion was carried. The meeting was adjourned at 12:05PM.

## 2004 IABPA CONFERENCE – TUCSON, ARIZONA



*Newly installed distinguished member Stuart James (center) with distinguished members (L-R), Barton Epstein, Tom Bevel, Herbert MacDonell and Norman Reeves at Tanque Verde Ranch banquet.*



*T. Paulette Sutton and Johnny Aycock at the Tanque Verde Ranch banquet.*



*Phillipe Esparanca presents paper on Bluestar™ luminol preparation at conference.*



*Brian Yamashita presents paper on the Directional Analysis of a Bloodstain Pattern on a Sloped Ceiling.*



**2005 INTERNATIONAL ASSOCIATION OF BLOODSTAIN PATTERN ANALYSTS  
ANNUAL TRAINING CONFERENCE**

**SANTA BARBARA, CALIFORNIA  
OCTOBER 5-6-7 2005  
WEDNESDAY-THURSDAY-FRIDAY**

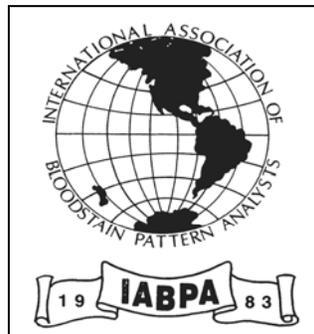
*Conference registration is \$195*

*If you plan to attend, please email Charlene at [Charlene.Marie@doj.ca.gov](mailto:Charlene.Marie@doj.ca.gov) with a  
“yes” in the subject line. It will help with conference planning*

*Room rates for IABPA at the Santa Barbara Radisson Hotel are:  
\$114/night Sunday through Thursday nights &  
\$169 Friday & Saturday nights (plus taxes)*

*You can contact the Radisson Hotel @ (800) 333-3333 or online @  
[www.radisson.com/santabarbaraca](http://www.radisson.com/santabarbaraca)*

*Make sure you let the hotel know you are with the IABPA and have a group rate.  
Register early & plan on presenting!*



**REGISTRATION FORM**

**2005 INTERNATIONAL ASSOCIATION OF BLOODSTAIN PATTERN  
ANALYSTS ANNUAL TRAINING CONFERENCE  
SANTA BARBARA, CALIFORNIA USA  
OCTOBER 5-6-7 2005  
WEDNESDAY-THURSDAY-FRIDAY**

- LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_
- IABPA MEMBER? YES \_\_\_\_\_ NO \_\_\_\_\_
- NAME FORMAT FOR ATTENDANCE CERTIFICATE \_\_\_\_\_
- AGENCY \_\_\_\_\_
- ADDRESS \_\_\_\_\_
- CITY \_\_\_\_\_ STATE \_\_\_\_\_
- ZIP CODE \_\_\_\_\_ COUNTRY \_\_\_\_\_
- TELEPHONE ( ) \_\_\_\_\_ EMAIL \_\_\_\_\_@\_\_\_\_\_
- T-SHIRT SIZE (MARK ONE) SM \_\_\_\_\_ MED \_\_\_\_\_ LRG \_\_\_\_\_ XL \_\_\_\_\_ XXL \_\_\_\_\_
- SPOUSE/GUEST NAME \_\_\_\_\_
- WILL GUEST ATTEND BANQUET? (\$50.00 ADDITIONAL) YES \_\_\_\_\_ NO \_\_\_\_\_

**MAIL OR FAX COMPLETED FORM TO:**

Charlene Marie  
California Department of Justice  
Santa Barbara Laboratory  
6190 Botello Road, Goleta, CA 93117  
Fax: (805) 964-1034 attn: Charlene Marie

<p><b>Conference Registration is:</b> \$195 USD if received by August 31, 2005 \$230 after that \$250 on site</p> <p>Student Registration is: \$175 if received by August 31, 2005</p> <p><b>Make payable to: IABPA</b></p> <p>IABPA Federal ID # 52-1597063</p>
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<p><b><u>Mail payment to:</u></b> Charlene Marie Santa Barbara Laboratory 6190 Botello Road Goleta, CA 93117 USA</p> <p><b><u>For credit card payments contact:</u></b> Norman Reeves Tel: 1-520-760-6620 Fax: 1-520-760-5590 Email: Norman@bloody1.com or pay online at <a href="http://www.iabpa.org">www.iabpa.org</a></p>
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# BLOODSTAIN PATTERN ANALYSIS IN THE NEWS

**Alexei Pace**

(www.bloodstain-forensics.com)

Presented below is a selection of recent news items which relate directly to bloodstain pattern analysis. Whoever has an email address is invited to join the bloodstain pattern analysis mailing list, to which I circulate these news items, including direct links to their webpage as they are published. All links are working at time of writing (November 4, 2004). However they may go offline after a few months. If you would like to join the list just send me an email at: **ap@onvol.net**.

## **Victim testifies in assault trial**

Peninsulaclarion.com - Kenai, Alaska, USA

[http://www.peninsulaclarion.com/stories/100304/news\\_103new001.shtml](http://www.peninsulaclarion.com/stories/100304/news_103new001.shtml)

*Information on case including testimony by CSR Bill Gifford. From bloodstain evidence collected in the victim's bedroom, he concluded that the victim was assaulted on her bed, on the floor at the foot of her bed, on the floor alongside her bed and again alongside her bed after a jewelry chest had been moved.*

## **Ambiguous Evidence: Suicide or Murder?**

[http://www.crimelibrary.com/criminal\\_mind/forensics/serology/8.html?sect=21](http://www.crimelibrary.com/criminal_mind/forensics/serology/8.html?sect=21)

*Another installment in "Serology : It's in the blood" section of this website, giving details on the story and background to the case of Craig Perry, accused of killing his uncle Robert Perry. Gives information on the bloodstain pattern analysis testimony by Rod Englert and Stuart H. James.*

## **Appeal rejected in murder case**

Kansas City Star (subscription) - Kansas City, Missouri, United States

<http://www.kansascity.com/mld/kansascity/business/9836253.htm>

*Interesting case where Richard Armitage died two days after he received nine blows to his skull from a blunt object. His law partner Richard Buchli was sentenced to life without parole, mainly due to bloodstain evidence. There were no witnesses and no weapon was found. On appeal, Buchli contended that the prosecution experts' opinions were not based on a reasonable degree of scientific certainty. The appeals court disagreed, saying that an expert's failure to use the precise words "within a reasonable degree of scientific certainty" did not render his or her testimony inadmissible "if the expert's testimony establishes that his or her opinion was based on reasonable certainty and not on speculation."*

**Defense rests in murder trial of Harvard grad student**

Court TV – USA

[http://courttv.com/trials/pring-wilson/100604\\_ctv.html](http://courttv.com/trials/pring-wilson/100604_ctv.html)

*Details the bloodstain testimony given by CSI Marilyn Miller. She concluded that two stains on the defendant’s shirt collar appeared to be impact spatter consistent with blunt-force trauma or stabbing. According to Miller, the shape of the stain on the inside of the collar indicated it came from a source above the collar of the shirt “at a pretty acute angle, so it was coming from above and going down.”*

**DNA: detective nous awarded**

Wodonga Border Mail – Albury, New South Wales, Australia

[http://www.bordermail.com.au/newsflow/pageitem?page\\_id=820604](http://www.bordermail.com.au/newsflow/pageitem?page_id=820604)

*Report about bloodstain pattern analyst Det. Sgt. Mick Callister, who says that “in the future the use of bloodstain interpretation will evolve to the stage where we are able to identify two types of DNA from blood that has been mixed together at a crime scene.”*

**Organizational Notices**

**Moving Soon?**

All changes of mailing address need to be supplied to our Secretary Norman Reeves. Each quarter Norman forwards completed address labels for those who are members. Do not send change of address information to the Newsletter Editor. Simply E-mail your new address to Norman Reeves at:

**norman@bloody1.com**

Norman Reeves

I.A.B.P.A.

12139 E. Makohoh Trail

Tucson, Arizona 85749-8179

Fax: 520-760-5590



**Membership Applications / Request for Promotion**

Applications for membership as well as for promotion are available on the IABPA website:

I.A.B.P.A. Website: <http://www.iabpa.org>

**The fees for application of membership and yearly dues are now \$40.00 US.**

# Training Opportunities

**February 7-11, 2005**  
**Bloodstain Pattern Analysis Workshop**

**Miami, Florida**

Contact: Toby L. Wolson, M.S.  
Miami-Dade Police Department  
Crime Laboratory Bureau  
9105 NW 25<sup>th</sup> Street  
Miami, FL 33172  
Voice: 305-471-3041  
Fax: 305-471-3350  
E-mail: Twolson@mdpd.com



**February 7-11, 2005**  
**Basic Bloodstain Pattern Analysis**

**Norman, Oklahoma**

Contact: Tom Bevel  
2115 Westwood Drive  
Norman, Oklahoma  
Tel: 405-447-4469  
Fax: 405-447-4481  
E-mail: tbevel1@cox.net



**May 2-6, 2005**  
**Bloodstain Pattern Recognition Course**

**Northwest Bloodstain Pattern Association**  
**Edmonton, Alberta, Canada**

Course Coordinator: Sgt. John Forsythe RCMP  
E-mail: jon.forsythe@rcmp-grc.gc.ca



**May 9-10, 2005**  
**Detecting Blood at Crime Scenes**

**Tomball Police Department**  
**Tomball (Houston), Texas**

Instructor: David W. Sargent  
Contact: Bill Wagner  
Tel: 301-855-2439  
Online registration: [www.forensictraining.us](http://www.forensictraining.us)

**May 9-13, 2005**  
**Basic Bloodstain Pattern Analysis**  
**Workshop**

**Redmond Police Department**  
**Redmond, Washington**

Instructor: Stuart H. James  
Contact: Bill Wagner  
Tel: 301855-2439  
Online registration: [www.forensictraining.us](http://www.forensictraining.us)



**May 16-20, 2005**  
**Bloodstain Evidence Institute**

**Corning, New York**

Contact: Professor Herbert Leon MacDonell,  
Director  
P.O. Box 1111  
Corning, New York 14830  
Tel: 607-9626581  
Fax: 607-962-936  
E-mail: [forensiclab@stny.rr.com](mailto:forensiclab@stny.rr.com)



**June 13-17, 2005**  
**Advanced Bloodstain Pattern Analysis**  
**Course**

**Harrisburg, Pennsylvania**

Instructors: Paul Kish and Stuart James

Contact: Paul Kish  
P.O. Box 814  
Corning, New York 14830  
Tel: 607-962-8092  
Fax: 607-962-2093  
E-mail: [pkish@localnet.com](mailto:pkish@localnet.com)



**June 13-17, 2005**  
**Basic Bloodstain Pattern Analysis Workshop**

**Tomball Police Department**  
**Tomball (Houston), Texas**

Instructors: Johnny Aycock and Rex T. Plant  
Contact: Bill Wagner  
Tel: 301-855-2439  
Online registration: [www.forensictraining.us](http://www.forensictraining.us)



**September 19-23, 2005**  
**Bloodstain Evidence Institute**

**Corning, New York**

Contact: Professor Herbert Leon MacDonell,  
Director  
P.O. Box 1111  
Corning, New York 14830  
Tel: 607-9626581  
Fax: 607-962-936  
E-mail: [forensiclab@stny.rr.com](mailto:forensiclab@stny.rr.com)



**October 10-11, 2005**  
**Multi-victim Death Scene Investigation  
and Introduction to Bloodstain Pattern  
Analysis**

**Tomball Police Department**  
**Tomball (Houston), Texas**

Instructor: Johnny Aycock

Contact: Bill Wagner  
Tel: 301855-2439  
Online registration: [www.forensictraining.us](http://www.forensictraining.us)



**October 17-23, 2005**  
**Bloodstain Pattern Recognition Course**

**Northwest Bloodstain Pattern Association**  
**Edmonton, Alberta, Canada**

Course Coordinator: Sgt. John Forsythe RCMP  
E-mail: [jon.forsythe@rcmp-grc.gc.ca](mailto:jon.forsythe@rcmp-grc.gc.ca)



**October 25-28, 2005**  
**Mathematics, Physics and Bloodstain  
Pattern Analysis**

**Northwest Bloodstain Pattern Association**  
**Edmonton, Alberta, Canada**

Mathematics, physics and the latest use of  
computers and digital imaging as they relate to  
Bloodstain Pattern Analysis.

Instructed by Dr. Fred Carter and Dr. Brian  
Yamashita

Course Coordinator: Sgt. John Forsythe RCMP  
E-mail: [jon.forsythe@rcmp-grc.gc.ca](mailto:jon.forsythe@rcmp-grc.gc.ca)



**December 5-9, 2005**  
**Bloodstain Pattern Analysis Workshop**

**Miami, Florida**

Toby L. Wolson, M.S.  
Miami-Dade Police Department  
Crime Laboratory Bureau  
9105 NW 25<sup>th</sup> Street  
Miami, FL 33172  
Voice: 305-471-3041  
Fax: 305-471-3350  
E-mail: [Twolson@mdpd.com](mailto:Twolson@mdpd.com)



*Training Announcements for the  
March 2005 IABPA News must be  
received before February 15, 2005.*

## Editor's Corner

This is my fourth issue as Editor of the IABPA NEWS and I am encouraged by the upgrading of the design and presentation to the membership including glossy paper and the opportunity to utilize color images in case related and research articles when they will enhance the body of the article. The IABPA NEWS is now being printed by the Nowlin Printing Co. in Granbury, Texas thanks to a recommendation by Johnny Aycock and the feedback to the new format has been very positive. On behalf of the IABPA membership I thank Danny Nowlin and his staff at the Nowlin Printing Company for their excellent work. As you have noticed, we have also decided to accept advertising to help offset the mailing costs of the NEWS and the support of these companies is greatly appreciated.

This issue includes some photographs from the 2004 IABPA Training Conference in Tucson, Arizona. I plan to do this on an annual basis in conjunction with the Conference abstracts and minutes of the business meeting.

The quarterly column, *Bloodstain Pattern Analysis in the News* by Alexei Pace has also been well received by the membership and Alexei has informed me that many members have joined his informational news e-mail list that automatically sends out articles and information pertaining to bloodstain pattern analysis. If members have ideas for additional regular columns please contact me.

Finally, I remind the membership to submit articles on case reports or research projects that will be subjected to peer review by our associate editors. I have recently responded to several requests for reprints of articles published in the IABPA NEWS including the library at George Washington University and law students from Canada and the UK. This speaks well for IABPA and the members that have had articles accepted for publication.

Stuart H. James  
Editor-IABPA NEWS  
James & Associates Forensic Consultants Inc.  
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954-485-5904  
Fax: 954-321-8994  
E-mail: jamesforen@aol.com

## Past Presidents of the IABPA

V. Thomas Bevel	1983-1984
Charles Edel	1985-1987
Warren R. Darby	1988
Rod D. Englert	1989-1990
Edward Podworny	1991-1992
Tom J. Griffin	1993-1994
Toby L. Wolson, M.S.	1995-1996
Daniel V. Christman	1997-1998
Phyllis T. Rollan	1999-2000
Daniel Rahn	2001-2002

## Associate Editors of the IABPA News

**Fons Chafe**  
**L. Allyn DiMeo**  
**Barton P. Epstein**  
**Paul E. Kish**  
**Jon J. Nordby**  
**Joseph Slemko**  
**Robert P. Spalding**  
**T. Paulette Sutton**

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