

PNWD/IAI
2006

SUMMER



EXAMINER

Published quarterly by the Pacific
Northwest Division, International
Association for Identification
www.pnwdiai.org/

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MESSAGE FROM RANDY PARKER 2006-2007 PNWD/IAI PRESIDENT



As the newly elected President of the Pacific Northwest Division of the IAI, I would like to thank the members of this organization for your support as I transition into being your President for this next year. I look forward to serving you and will strive to complete the duties of this term to the best of my ability.

The annual training conference that was held here in Boise during May was a huge success, due in part to the efforts of the board and the local agencies in the Treasure Valley Fingerprint Users Group. Our team of speakers for the event included Glen Langenburg, Ron Smith, Kevin O'Keefe, Jon Nordby, Garland Lewis, Shawn Naccarato, and Natalie Murry. They all did an exceptional job in their presentations. Additionally, I would like to personally thank all that were involved; speakers, vendors, and our fantastic board, for all the time and effort that is needed to present a conference of this caliber.

Continued on pg. 2

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During my career in Forensic Science I have had the opportunity to work for several agencies across the Northwest. I have found that while the work may vary from state to state, there is one constant factor that is found in all agencies, and that is the quality of people working to do the best for their departments and for the field of Forensic Science. With this common linking factor, I feel that we can make the PNWDIAI one of the top divisions in the country.

As the summer months start to slip by, the planning for next year's conference has already begun. I would encourage you to make plans to attend our Tacoma conference in May 2007. If you have suggestions for speakers and/or vendors that you would like to see at upcoming conferences please contact one of the board members or myself so we can try and get them there.

I hope everyone has had an enjoyable summer and I look forward to seeing you all again soon!

-Randy Parker

Disclaimer

The views expressed in articles contained in this publication do not necessarily represent the views of the Pacific Northwest Division of the International Association for Identification. The Association neither guarantees, warrants, nor endorses these views or techniques but offers these articles as information to the membership. Some articles may contain descriptions of processes utilizing chemicals or combinations of chemicals that may be hazardous to the user's health. It is strongly recommended that proper precautions be taken when using known hazardous chemicals or a combination thereof. The Association assumes no responsibility for the use of chemicals or combinations thereof as set forth in any article.



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The Latent Print Certification Process: Everything You Wanted to Know, But Were Afraid to Ask

**Kathy Saviers, CLPE, Forensic Specialist
Marion County Sheriff's Department**

Introduction

The test for the IAI Latent Print Certification program can be very intimidating, mostly because you don't know much about it. I am going to explain when to apply for the test and the review process of the application. I will offer suggestions on how to prepare for the test and some strategies for taking the test. I took the test in 1985 and some things have changed since I took it. Over the years, I have spoken to people who have taken the test under the more various changing requirements and I will include that information.

Reasons for Taking the Certification Exam

- Improve your credibility in court and on the job.
- Improve your marketability for jobs and/or promotions. Some agencies require certification for employment or promotion.
- See monetary increases. Some agencies pay more for certified examiners.
- Forces you to study and practice towards excellence. You will become a better examiner.
- Personal satisfaction of having submitted yourself for testing by the only certifying body for Latent Print Examiners.

A Brief History

The IAI started this program in the 1970s. It was a way to professionalize those working in the latent print field. In the beginning, there was a grandfather period where people could be certified without taking the exam. There has been some criticism about this over the years, that perhaps some of those "grandfathered" in were not well qualified. It is a moot point now, as I suspect all those who were certified under the grandfather clause are no longer working in the field.

The founding Board also designed long-term changes in the program to require increased levels of college, again to professionalize

the field of latent prints comparisons. The requirements now allow for some years of experience to be considered in lieu of a full four-year college degree. You can have a bachelor's degree and a few years of experience, or an associate of arts degree with more years of work experience, or a high school diploma with many more years of experience. See the IAI web site (www.theiai.org) to read the current requirements and to obtain an application.

When to Apply for the Test

First, you must meet the qualifications to apply. Having many years on the job is no guarantee that you will pass. If you have the proper training and look at latent prints every day or at least a few times a week, you will probably do okay. I had about ten years on the job but didn't look at latent prints every day or even every week. I took four hours to complete the comparison portion of the test. I proctored a test for someone with just three years on the job, and she completed the comparison portion in one hour, six minutes. She looked at a lot more latent prints than I did on a daily basis.

Once you send in your application, there are deadlines all along the way. Your application is reviewed first by the IAI Latent Print Certification Board. They will send a copy of your application (that is why you send the original and one copy) to the PNWDIAI Certification Committee where someone who probably knows you will review it. They must complete the review within a certain amount of time. The reviews and mailing the papers back and forth can take 4-6 weeks. Once your application is approved, you have 90 days in which to take the test. A Proctor will contact you to make the appointment.

Plan your life so this 90-day window does not fall during certain parts of the year where you will be extra busy with holidays or vacations or other work such as term papers or a thesis for school. Sending in your application in September may mean that your 90-day window will be November, December and January. With the stress of Thanksgiving, Christmas and New Year's Day, it might be a bad choice to take the test during this time.

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MEET YOUR NEW PNWD/IAI BOARD MEMBERS

JEFFREY BRODERSON-TRUSTEE

I go by Jeff. I have been with King County for the last 10 years as an ID Tech in the Jail ID Unit. I also do auto processing for the latent lab. I have a Mid Management degree from Olympic College and have done a wide variety of jobs. I've been a Bartender, Loan Officer, Carpenter, Hotel/Restaurant Manager, and now an ID Tech. I guess I just don't know what I want to be when I grow up. I am married to Kathie who has put up with me for 31 years and we have 4 children and soon 2 grandchildren. I have been a member of several organizations in the past including the South Tacoma Businessman Assoc. and the VFW among others. It is always rewarding to be involved with an organization that makes a difference in the community or within the business you are in. We make a difference in the communities we serve and I am ready to help us as community servants to further enhance that service. Thank you for electing me.

JENNIFER DELANEY-TRUSTEE

Hello all! My name is Jennifer Delaney and I work for the Boise Police Department in the Crime Lab. I have been with the Crime Lab for 2 ½ years and love my job. I am currently a Criminalist II and spend most of my time processing evidence for latents and doing comparison work. I also respond to crime scenes and autopsies for any kind of assistance needed. I'm looking forward to being a part of the board and assisting in anything that I can. This is a great opportunity for growth and learning!

TRAINING OPPORTUNITIES



PNWD/IAI 43rd ANNUAL EDUCATION AND TRAINING CONFERENCE

May 8th-11th 2007
Member Registration \$150
Non-Member Registration \$250

[LaQuinta Inn](#)
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The LaQuinta Inn is located along the banks of Puget Sound. It is just minutes from the Tacoma Dome and Mount Rainier. Also nearby are the Washington State Historical Museum, and the Tacoma Art Museum, Six Flags Enchanted Village, Wild Waves Water Park, and the Point Defiance Zoo and Aquarium.

The mission Pacific Northwest Division of the IAI is to organize people in the profession of forensic identification, investigation, and scientific examination of physical evidence, through education, training, and research so the profession can be standardized and effectively and scientifically practiced. To encourage research in scientific crime detection by employing the collective of the profession to advance the scientific techniques of forensic identification and crime detection.

**International Association for
Identification-92nd
International Educational
Conference**

July 22-27, 2007
San Diego, CA

[Town and Country
Resort and Convention Center](#)

500 Hotel Circle North
San Diego, CA 92108

Room Rate: \$129 Single/Double. Please
mention that you'll be attending the IAI
Conference to receive this room rate

**For general Conference information,
contact:**

Candace "Candy" Murray
The International Association for
Identification
20601 Netherland Street
Orlando, FL 32833
Email: conference@theiai.org

**FOOTWEAR AND TIRE
IMPRESSION CLASSES**

For further information on the following
classes, please contact:

William J. Bodziak
38 Sabal Bend
Palm Coast, FL 32137
(386) 447-3567
Fax: (386) 447-3568
wbodziak@earthlink.net

**Examination of Tire Impression
and Tire Track Evidence
December 4-8, 2006**

To be held at Miami-Dade Police
Department's Training Bureau

**Detection, Recovery and
Examination of Footwear
Impression Evidence
February 12-16, 2007**

To be held at the Arapahoe County Sheriff's
Office, Centennial, Colorado

**Detection, Recovery and
Examination of Footwear
Impression Evidence**

April 30- May 4, 2007

To be held at the Ramada Inn in
Jacksonville, Florida.

**Examination of Tire Impression
and Tire Track Evidence**

May 7-11, 2007

To be held at the Ramada Inn in
Jacksonville, Florida.

FROM THE EDITOR

WOW! What a great issue. I had so many
submissions that I had to hold a couple of
them back for next time. Thank you to
everyone who contributed to the newsletter
this time around. New to this issue is the
abbreviated minutes from the General
Business Meeting held May 4, 2006 (see
page 22). And, be sure to check out the
conference photos courtesy of Boise PD's
Jennifer Delaney. Great Job Jennifer!

The Examiner is a great way to get your
message out. Is your agency hosting
training? Do you have a great case you
would like to share or a job announcement
that you would like to advertise? If so,
please forward items for the summer issue
to me by October 1st, 2006. Submissions
via e-mail attachments are greatly
appreciated, but I can also scan your
photographs and other items or retrieve
them from disks/CDs.

Tina Walthall
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CONFERENCE HIGHLIGHTS



You just had to be there...



Natalie Murry



Special thanks to our men in uniform



Ron Smith



Glen Langenburg

Garland Lewis



**BOISE
2006**



Go Paul!



WARRINGTON WORKSHOPS!



Dick is even teaching Kathy new tricks!



Fingerprints from feathers?



BANQUET 2006 MEMORIES



with a guest appearance by
Pee Wee Herman...



What do I do with this?



PARTY!



Insights from the Conference Surveys

Linda Grass, Board Member

Hello to all who were kind enough to fill out the survey forms from the Boise, Idaho conference. All of the forms have been tabulated and it appears that everyone had a great time. Your Board had a great time putting on this conference for the membership and we all agree that the food was outstanding.

In the last 5 years or so of tabulating surveys there are a few things that seem to come up every time. Some of these things the board can do very little about, but I hope that this will help explain some.

The first biggest complaint is that the lecture rooms are too cold. Every conference I have ever gone to, no matter which state, is this way. The best way to combat this is to dress in layers. You will see a few people walking around with turtleneck shirts and polar fleece vest or jackets – there is a reason for this! If (or when) the room warms up you can take stuff off to keep a constant temperature. Because of the way large hotel rooms seem to work things will cool way down and then warm up a bit.

Another observation is that the hotels that we pick tend to be away from major shopping areas, entertainment or restaurants. There is a huge reason for this – COST!!! Hotels that are closer into a city are more expensive. We try and keep the cost down so that we don't have to pass that extra expense onto the membership by increasing the registration fees.

A couple of people would like us to be more flexible about when dues are paid. In the past (way past) we were allowed to pay our dues at the conference. However, as everything else, times change. Per Article II, Section 4 of the bylaws 'members who are delinquent as of May 1st in the payment of dues are deemed not in good standing'. If you are not a member in good standing then you should not be paying 'member' prices for the conference. It also adds a huge burden to the treasurer when people need to pay dues and everything else all at the same time at the conference. The least people

can do is pay them a month or two before the conference starts.

I agree with everyone who complains that the speakers did not have handouts. I find them very good items to have to help jog my memory 5 years down the road or to show others what we talked about. We do ask our speakers to bring handouts or allow us to make the copies for them, but we can only do this if they allow and this does not happen very often.

It has also been suggested that we have IAI logo shirts, stickers and other fingerprint stuff to hand out as door prizes. It was also suggested that we have IAI shirt for sale. I think that this is an outstanding idea, however, again this is a huge cost factor for both ideas. We have tried having shirts for sale and the big problem is getting all the items to the conference, storage after and then having a variety of sizes, styles and colors. For the last two years we tried another approach for clothing and very few people seemed interested in this either. I do like going to the International Conference and buy shirts from other divisions, but again this is a huge expense.

For those of you who were at this year's conference apparently there was a problem with the coffee and hot water not getting replenished at some point. At the beginning of the conference we give the hotel staff a list of foodstuffs that should be put out and when. The hotel staff is given the amount of coffee and water that should be put out at any given time. They will replenish this if given instruction to do so from members of the Board. If in the future this should happen please let someone know. Depending on the time of day it may get replenished. Also water is always requested for the tables during lectures, but depending on the hotel, it may be on the tables or, like this year, on the back table.

There was also a comment that there was no No-Host bar for the President's Reception. We did order one, but the hotel decided that since the Fire Chiefs were in the next room we would be fine with a waitress and using that bar. The Board was not happy with this decision and for some it

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Insights from the Conference Surveys Cont.

did not work well. The Board also tries to anticipate the number of people who will be coming for the food. This is very hard to determine and we don't want to order too much and be wasteful. For those of you who happened to get there late, I'm sorry that it was 'slim pickings'.

PACIFIC NORTHWEST DIVISION-IAI APPOINTMENTS & ASSIGNMENTS 2006-2007

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Master of Ceremony-(TBA)

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Specifications:

395nm megaMAXX™ UV Light
 Dimensions: 4.75" L x .88" dia.
 Weight w/batteries: 3.52 oz.
 Construction: Machined Aluminum
 Switch: Push-button for momentary ON; Twist End-cap for steady ON.
 Bulb/Lamp Life: [5] UV LEDs/+50,000 hrs.
 Battery: [2] CR123 Lithium

VISIBLE LIGHT SOURCES:
455nm, 470nm, 505nm, 530nm, 590nm, 625nm, & White
 Dimensions: 5.31" L x 1.06" dia.
 Weight w/batteries: 5.45 oz.
 Construction: Machined Aluminum
 Switch: Recessed, push-button ON/OFF
 Bulb/Lamp Life: 1-watt Single LED/+50,000 hrs.
 Battery: [3] AAA Alkaline

MMXPOD megaMAXX™ Tripod
 Dimensions: 14"H
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 Construction: 3 Legs w/Black Anodized Aluminum Base; Flexible Gooseneck for Precise Positioning

megaMAXX™ Light Diffuser
 Dimensions: 1.06" L x 1.56" dia.
 Weight: .32 oz.
 Construction: Delrin



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The megaMAXX™ ALS System was developed by SIRCHIE® to assist the investigator at the crime scene or in the lab. It consists of handheld, machined-aluminum, and self-contained light sources—each operating at or very near the light frequency marked on the individual lights. This system covers the light spectrum from longwave 395nm ultraviolet up to the red region of 625nm. To facilitate general crime scene searches, a white light megaMAXX™ is included.



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Seven Visible Light Sources measuring 5.31" in length with a barrel diameter of only 1.06", weigh a mere 5.45 oz. with batteries. Each is fitted with a single, very high intensity, 1-watt Light Emitting Diode (LED) constructed to provide visible light at its specific frequency. They are powered by [3] AAA alkaline batteries.

LED technology means there are no filters mounted on these lights. Other ALS systems use a white light filtered to remove all but the desired light frequency, causing light loss.

megaMAXX™ Light Diffuser—Due to the light intensity, certain applications may require a less intense, softer light. To provide softer light, we engineered a diffuser that easily slips on and off the seven (7) visible light sources.

megaMAXX™ UV Light should always be employed in the preliminary examination and location of physical evidence. Measuring 4.75" in length with a barrel diameter of .88", the 395nm UV Light only weighs 3.52 oz. with batteries. Because the five (5) UV LEDs operate from two (2) CR123 Lithium batteries, its design differs from the visible light sources.

The megaMAXX™ Tripod allows for hands-free processing. It features a flexible gooseneck extension for a maximum height of 14". Not only does this enable precise positioning of the light over the area being processed, but aids in facilitating photographs as well.

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The 395nm UV Light requires no filters. However, clear goggles are recommended for general eye protection.

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1- 395nm megaMAXX™ UV Light w/5 LEDs	1- 797GV UV Protective Spectacles
1- 455nm MMX Light	1- 52mm Orange Barrier Filter
1- 470nm MMX Light	1- 52mm Red Barrier Filter
1- 505nm MMX Light	1- 52mm Yellow Barrier Filter
1- 530nm MMX Light	21- AAA Alkaline Batteries
1- 590nm MMX Light	2- CR123 Lithium Batteries
1- 625nm MMX Light	1- MMX100C Custom-fitted, heavy-duty Attache Case w/pre-cut foam insert;
1- White MMX Light	Size: 18.5" x 15.5" x 5.5"
1- Light Diffuser	Weight: 11.12 lbs.
1- MMXPOD Tripod	
1- FAL208 Yellow Goggles	
1- FAL207 Red Goggles	
1- BMS300 Orange Goggles	

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Catalog No.	Description	Price
MMX100	megaMAXX™ ALS System	\$895.00

MORE TRAINING OPPORTUNITIES

The following training is co-sponsored by the International Association for Identification and Ron Smith and Associates. For more information please visit www.ronsmithandassociates.com or call (601)485-7606.

Advanced Palm Print Comparison Techniques

August 29-31, 2006
Kansas City, KS
(Ron Smith)

Forensic Ridgeology

September 11-15, 2006
Austin, TX
(David Ashbaugh)

Advanced Palm Print comparison Techniques

September 12-14, 2006
Franklin, MA
(Ron Smith & Assoc.)

Fundamentals of Latent Print Examination

September 25-29, 2006
Phoenix, AZ
(Debbie Benningfield and Charles Richardson)

ABC's of Bloodstain Pattern Documentation and Recovery

October 2-4, 2006
Ontario, CA
(Jan Johnson)

Buried Body and Surface Skeleton Recovery Workshop

October 16-20, 2006
Fayetteville, NC
(Jan Johnson)

Advanced Palm Print Comparison Techniques

October 23-25, 2006
Lawrenceville, GA
(Ron Smith)

Finding Latent Evidence with Chemistry and Light

October 24-27, 2006
Phoenix, AZ
(Brian Dalrymple)

Courtroom Testimony Techniques: Success Instead of Survival

October 26-27, 2006
Lawrenceville, GA
(Dwane Hilderbrand)

Fundamentals of Latent Print Examination

November 6-10, 2006
Largo, FL
(Debbie Benningfield & Charles Richardson)

Basic Bloodstain Pattern Identification

November 6-10, 2006
Ontario, CA
(Jan Johnson)

Complex Latent Print Examination

Nov. 27-Dec. 1, 2006
Phoenix, AZ
(Debbie Benningfield & Charles Richardson)

Forensic Ridgeology

Nov. 27- Dec. 1, 2006
Portland, OR
(David Ashbaugh)

Finding Latent Evidence with Chemistry and Light

December 5-8, 2006
Largo, FL
(Brian Dalrymple)

Fingerprint and Trace Detection and Collection on Skin

December 11-14, 2006
Largo, FL
(Brian Dalrymple)

Presenting Testimony in a Post-Daubert Environment

December 11-15, 2006
Huntsville, TX
(Charles Richardson & Debbie Benningfield)

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**PNWD/IAI
DUES STATEMENT**

According to the bylaws of our division,

MEMBERS [Article II, Sec. 1.]: The annual dues shall be \$25.00 payable in advance, on the first day of January of each and every year. [Article II, Sec. 4.] A member who is delinquent as of May 1st in the payment of dues as of the opening of the annual general membership business meeting is not deemed in good standing.

NEW APPLICANTS [Article II, Sec. 2.]: Dues paid to the association between January 1 and September 30 shall be applied to the dues for that calendar year only; dues paid between September 30 and December 31 shall apply to the following calendar year.

You may pay your 2006 dues now. **In order to receive the member registration rate for the annual conference, you must pay your dues by May 1st.**

2006 PNWD/IAI DUES..... \$25.00

NAME: _____

ADDRESS: _____

E-MAIL: _____

PHONE: () _____

FAX: () _____

AGENCY: _____

JOB TITLE: _____

My address and phone number are correct in the last roster:

Yes _____ No _____
(If NO, please highlight changes above)

Mail dues to PNWD/IAI Treasurer:

PNWDIAI
c/o Charles Puglisi
P.O. Box 731247
Puyallup, WA 98373-0060

If you have any questions, contact Charlie at Charles.Puglisi@Metrokc.gov



Pacific Northwest Division International Association for Identification

OUTSTANDING ACHIEVEMENT AWARD

The Board of Directors has established an Outstanding Achievement Award to present to an active member, as defined in the Constitution of this Association. The Board of Directors will give the award to a nominee who, in the Board's opinion and judgment, has made a significant and valuable contribution in the area of Forensic Science and has provided outstanding service to the Pacific Northwest Division of the International Association for Identification.

For consideration, I hereby nominate (Nominee must be a current, two-year member of the PNWD-IAI):

Name: _____ Mem #: _____

Address: _____

Provide summary of the nominee's background and reasons for the nomination. (Use additional sheets as necessary)

Submitted by: _____ Mem #: _____
(Current two-year PNWD-IAI Membership is mandatory)

Address: _____

Phone number: _____ Email Address _____

All nominations must be submitted to the PNWD-IAI Past-President prior to February 28, 2007.

“Unsolved Crime” should always be considered a temporary label.

AFIXTracker[®]

“A desktop AFIS in your department opens a whole new world of possibilities — cases get solved that wouldn’t have been solved without it.”



Imagine this scenario:

You process a crime scene and turn up some interesting latent print images, which end up being the only evidence you have. Now what? Submit the latents for search on the state AFIS and wait? Invest an afternoon checking a few suspect cards by hand?

The logic of local AFIS.

Both of those are important steps, but if you have AFIX[®]Tracker in your agency, you add a few more possibilities. Within minutes of processing the crime scene, you can search your entire local database, both ten-prints and palms, for possible matches. You control the system, so you can search every latent from every crime scene. And because your database is made up of prints from local arrest records — the frequent flyers in your community — chances are good the perpetrator is in your database.

If you don’t find a possible match in your local AFIS, of course you make a submission to the state AFIS (provided the latents meet their criteria). But that doesn’t necessarily mean you’re finished with this case on your Tracker system.

The reason for reverse searches.

Unsolved crime scene latents stay on the system. That way every new arrest record added can be reverse-searched against all unsolved latents. You’ll

get busy, turn your attention to other cases and forget about the latents from unsolved cases, but Tracker never will. Someday, if the perpetrator of the old unsolved crime gets arrested for something else, you have a good chance of nailing him for the old crime. Won’t he be surprised? Tracker will hand you reverse-search hits on old unsolved crimes as a reward for feeding it new arrest records.

Let’s go to work on all those latents sitting in your unsolved crimes files.

Think about it. If the idea of running your own local AFIS sounds promising to you, call us. We’ll be happy to answer all your questions, arrange for a demo in your department, put you in touch with other agencies using the system, and then get you a quote for a system configured to fit your agency’s needs.

AFIX Technologies, Inc.

an L1 company

Phone: 877-438-2349 · Visit: www.afix.net

The Latent Print Certification Process: Everything You Wanted to Know, But Were Afraid to Ask Cont.

The Parts of the Test

When I took the test, there were three parts: classify 15 fingerprint cards using the Henry System within thirty minutes; answer 200 true-false and multiple choice questions within two hours; and, compare 15 latent prints to 8-12 sets (I don't remember exactly how many of each) of fingerprint cards and palm print cards within four hours, successfully identifying 12 of the 15 latent prints. Any leftover time from one section could not be used in another section.

A few years later, the test was changed to allow the use of the entire time of six and one-half hours without restricting portions to each section. If you only used 20 minutes to classify the fingerprint cards and one hour to answer the questions, you can now use the extra time in the comparison section.

Currently, the test is eight hours long and, again, the sections are not time-restricted. Plus, there is no Henry Classification, but pattern recognition on several fingerprints. When I took the test, the true-false and multiple choice sections had questions on Henry Classification rules, NCIC classification rules, history, chemical processing and theory of comparison. I am sure the classification rules are gone and the chemical processing and theories have been updated.

Preparing for the Test

DISCLAIMER: Even if you follow all my suggestions, you may or may not pass the examination. These are only suggestions and some techniques that worked for me.

Read the study material. Remember that the books may have techniques that you don't do but there may be questions about them on the test. Talk to others who have recently taken the test to find out what is on the test. They may have some tips to share so you can study more effectively.

Practice comparisons, against the clock, on known matches. You might borrow CTS

tests from an agency that uses them, if your agency does not, or create or have someone else create practice exams. You might ask your Human Resources department or an HR from another agency to let you practice on their comparison exams, assuming they have any. You will probably have to go to that agency, as they will probably not allow their tests to leave their location. Ask your unit to let you have all the latent print comparisons, or at least, let you see them all.

If you are not good with latent palm prints, take a class or talk to someone who has to learn the secrets and shortcuts to determining orientation and hand.

The latent prints and fingerprint cards used on the test are photographs and not actual dusted latent prints or original inked fingerprint cards. Even when I took the test twenty years ago, I had no difficulty in being able to clearly see the ridges on the photographs.

I think the best suggestion I can give you is to change your mindset. This is not casework, not evidence where you don't know if the latent prints belong to anyone in your stack of fingerprint cards or to a victim. It is test of your skills where all the latent prints are identifications to the fingers on these fingerprint cards. The latent prints all have identifications; you just have to find them.

Location, Location, Location

You need to be comfortable when taking the test to reduce a bit of the stress. You might pick your office because the desk lamp is bright and the chair is comfortable and familiar. Or, you might not want to be in your office if it is a 24/7 office where it might be noisy, there might be interruptions or having people around staring at you would be intimidating. If your office is a M-F 8-5 operation, consider getting permission from your supervisor to take the test on a Saturday or Sunday (with Proctor consent of course). There is the option of taking the test at the annual training conference. If you plan to take the test at the conference, bring your own lamp.

Continued on pg. 19

I took my test at my house. When I was on the certification committee, I proctored one test in someone's apartment, five tests at my agency for folks from another agency and two tests at an agency for an applicant from that agency and one from another agency. Proctors try to be flexible.

Everyone wants you to pass the test so pick the place where you will be most comfortable, least distracted and ready to work.

The Proctor

The Proctor giving you the test will most likely be someone from the PNWDIAI certification committee. On rare occasions, when there is no committee member near you, it may be permitted for other arrangements to be made. The people who proctor the exams have gone through the exact same thing you are going through. They want you to pass.

The Proctor will have the test in a series of envelopes. There will be an instruction sheet attached and the Proctor will read it you and ask you to read it yourself. It will explain the time limits and how to fill out the various parts of the test. The Proctor cannot answer questions about the test beyond that.

The Proctor does not look at the contents of the test and does not grade it. This person will sit with you as a witness to guarantee that there is no accusation of you cheating. He/she will hand you the unopened test envelopes and take them back when you are finished or when time is up, whichever is first. You will break the seals on the test envelopes and re-seal them at the end. He/she will mail them back to the Secretary of the Latent Print Certification Board.

Taking the Test

Eat normally and get a good night's sleep before the test. If you work a night shift and want to take the test during the evening because you are accustomed to that time, arrangements can be made for a Proctor to give you the test at that time. Don't take the test in the morning after coming off a graveyard shift.

Have a good lamp. Bring one with you if you are taking the test somewhere else besides your own desk.

There are the three parts and you may take them in any order that you want, even switching back and forth between sections. I suggest that you do the pattern recognition and the questions sections first to be done with them and then, devote the rest of the time to the comparison section. About time, you are allowed breaks and a lunch and these breaks do not count against your eight hours.

Use your one or two magnifiers and have a ridge counter or two. You might want to have a dome magnifier or a head magnifier to help sort through the cards. But, don't waste time switching back and forth between varieties of magnifiers.

Separate the fingerprint cards from the palm print cards. Look over the latent prints and separate those into stacks of possible fingerprints and possible palm prints. You could be wrong in your initial evaluation. Lay out the fingerprint cards into two or three overlapping stacks where you can see the flat impressions on each card.

Start the process by comparing the easy latent prints. The easy ones count the same as the hard ones. If the latent print is a whorl, glance at the flat impressions on the cards and pull out those that have similar whorls. Then, put your magnifier on it and do the comparison. If the latent print is an arch, pull out any cards with arches and so forth. You can eliminate non-matching patterns on the first analysis.

Use the ACE method. You won't have the opportunity to have the verification done by a second examiner. Carefully and accurately write the answers on the back of the latent print cards. You must make twelve identifications to pass the comparison section of the examination.

When you finish with your twelve identifications, verify your work. Look at and compare the latent prints as though you were verifying them for someone else.

Continued on pg. 20

Double-check what you wrote down to catch any clerical errors such as, "right thumb" when you meant to write, "left thumb." You seal the envelopes and hand them back to the Proctor.

Pass or No Pass, the Next Steps

If you pass the test, you are required to submit a court transcript with a latent print charted enlargement. Since many of us don't go to court often or cannot easily obtain a copy of a transcript, you can do a mock court at the PNWDIAI conference. In the past, persons could apply to take the certification exam on Monday and participate in a mock court on Tuesday of the conference. If you wish to take your test and mock court at the conference in May of 2007 in Tacoma, apply for certification no later than January 2007 to make sure the 90-day test window falls during the conference. You will be given a videotape of your mock court to submit as the final part of the certification procedure. Be prepared with a latent print, rolled fingerprint card and a charted enlargement. They can be "generic" ones, not necessarily actually evidence.

If you cannot come to the conference for the mock court and you do not have a court transcript, it may be permitted for you to write your own questions and answers such as would be done in a courtroom situation. You will need to get additional details on this from the Chair of the Latent Print Certification Committee.

If you do not pass the examination because you did not score high enough, you may apply again with six months. You will only need to take the portion(s) you did not pass. However, if you do not pass the comparison portion of the examination because you did an erroneous identification, you must wait one year before applying and you will have to take all three portions of the test again.

If you do not pass the examination, you are not alone. The passing rate is about 50% each year. I suspect that some of the people who took the test should not have done so. Their skill level and training was not adequate. While they have the required amount of work experience in the number of years, they may not have the availability of latent prints to compare. Someone working

in a large state agency with 24/7 work shifts or at least lots of evidence to look at will do many more comparisons than someone who only looks at latent prints a couple of times a month. If it is brought up in court that you took the test and didn't pass, compare it to the bar exam. Not everyone who takes the bar exam passes it the first time. Many people take the bar exam three or four times before they pass. You just need to be prepared to do the best you can on the test.

Proficiency Testing

Your certification is valid for five years. During that time, you need to take some training to continue to learn and stay current with new processing techniques, legal issues, and comparison theories. You must complete a certain number of hours of training to renew your certification. Check the IAI web site for the current requirements. The PNWDIAI conferences do count towards this requirement.

When you apply for renewal, you will be sent a proficiency comparison test. This will be sent directly to you and no Proctor will be used. You sign a statement that the work is your own and you did not have any help. When I took my proficiency test last year, there were five latent prints and three fingerprint cards. The photographs were high-contrast and sharp. I only wish casework latent prints were as good.

Conclusion

I encourage every Latent Print Examiner with the required training and experience to take the certification examination. It is scary and difficult but when you pass it, you will have a great sense of personal achievement. To help motivate individuals to pursue certification testing, I am tentatively committed to having a workshop at next year's conference, offering practice comparison tests. This would be for those people who are preparing for the exam but are not going to take it next year's conference. You could, however, go ahead and do the mock court and have the videotape ready to send in once you do take and pass the exam.

Acknowledgements

Thanks to Jeri Eaton and Darla Shaver for their input in writing this article.

Pacific Northwest Division

INTERNATIONAL ASSOCIATION FOR IDENTIFICATION



I hereby apply for membership in the Pacific Northwest Division and consequently agree to be bound by its Constitution and By-laws

Name In Full: _____
Last First Middle

Employer: _____

Official Address: _____
Number Street City State/Prov. Postal/Zip code

Official Title: _____ Contact Phone Number (____) _____

Home Address: _____
Number Street City State/Prov. Postal/Zip code

Home Phone (____) _____ E-mail Address: _____
Area Code

PLEASE SEND CORRESPONDENCE TO (Choose one): Employer () Home () Email ()

ACTIVE MEMBER QUALIFICATIONS:

Time employed in forensic/police agency or training institution: _____ years

STUDENT MEMBER QUALIFICATIONS:

Must include letter certifying full time student status in law enforcement or forensic science.

Major: _____ Minor: _____

APPLICATION FEE: \$25.00 (US) As per Bylaws Article II, Sec. 1 and Article II, Sec. 2.
\$12.50 (US) Student Application Fee

SPONSOR: As an active member in good standing, I hereby recommend the above applicant for membership in the Pacific Northwest Division of the International Association for Identification. I believe that the applicant meets all of the requirements for membership and that to the best of my knowledge confirm all statements in this application as being true.

Sponsor Printed Name Sponsor Signature PNWD Member #

APPLICANT SIGNATURE: _____ Date: _____

RETURN TO: PNWD-IAI Treasurer, PNWDIAI, P.O. Box 731247 Puyallup, WA 98373-0060

General Business Meeting – May 4, 2006

Minutes: Secretary Kathy Saviers read the minutes from the 2005 General Business Meeting.

Treasurer's Report: Charles Puglisi gave a summary of the Treasurer's report.

Audit Committee: The committee, consisting of Jon Stimac, Betty Newlin and Mary Brandon, found the books in proper order.

COMMITTEE REPORTS

Certification Committee: Darla Shaver reported that one application for latent print certification was processed; four for ten-print certification and five applications for recertification of latent prints were processed.

Crime Scene Certification Report: Gary John reported that three members have been certified.

Science and Practices Committee: Mary Brandon reported her involvement with SWGFAST (www.swgfast.org) and some of the changes being made through that body. One is the standardization of a palm print card. She also related other sources of information such as Jon Stimac's *Dactylogram*, Ed German's references on the Daubert hearings (www.onin.com), and praised the PNWDIAI for offering a venue for certification testing.

ELECTION OF OFFICERS

Election results:

President: Randy Parker

First Vice President: Betty Newlin

Second Vice President: Sara Chipman

Treasurer (two-year term): Charles Puglisi

Secretary (two-year term): Kathy Saviers

Sergeant-at-Arms: Heather Ota

Directors who will serve for the term 2006-2007:

Linda Grass — Kristen Drury — Jennifer Delaney

Directors who will serve for the term 2007-2008:

Darren Jewkes — Darla Shaver — Jeff Broderson

NEW BUSINESS:

Amendment Change: Darla Shaver read a proposed amendment change to the Constitution and By-Laws (attached). This was the first reading. The second reading will be done at the 2007 conference Business Meeting and the vote shall be taken at that time.

2007 Conference: The conference will be held at the La Quinta Inn, Tacoma, Washington during the second week of May. King County Sheriff's Department will be the host agency.

2008 Conference: The conference will be held at the Red Lion Hotel in Medford in May and Oregon State Police will be the host agency.

Photo Contest: Darren Jewkes and Dave Cotton discussed the concept of having a photo contest for the members. Darren had seen a contest at the Rocky Mountain Division of the IAI conference and suggested we consider it. A contest will be designed and announced well before next year's conference.

JOB ANNOUNCEMENTS

OREGON STATE POLICE FORENSIC SCIENTIST 1

\$3,623 - \$5,343 MONTHLY

Post Code: D707

Announcement Number: LESP0620

Classification Number: C3791

Open: 04/3/2006

Close: OPEN UNTIL FURTHER NOTICE

Location: Bend, Central Point, Ontario, Pendleton, Portland, Springfield

GENERAL INFORMATION

These positions are with the Oregon State Police, Forensic Services Division, Forensic Laboratories located in Portland, Springfield, Bend, Central Point, Ontario, and Pendleton.

This recruitment will be used to establish a list of qualified individuals and may be used to fill Forensic Scientist 1 vacancies as they occur. Qualified applicants will be notified on a quarterly basis (or sooner depending on the needs of the Division) if they qualify. Those who qualify will remain on the list for one year, unless otherwise notified.

Applicants will be subject to a Computerized Criminal History, a Driver and Motor Vehicle Services check as well as a thorough background investigation. Adverse background data may be grounds for immediate disqualification.

Applicants offered employment will be subject to a fingerprint-based criminal record check. Conviction of a crime will not automatically preclude appointment. The circumstances involved in the conviction will be considered.

SALARY AND BENEFITS

The current salary for Forensic Scientist 1 is \$43,476 - \$64,116* per year. An additional 6% education pay differential is paid to individuals possessing a bachelor's degree.

An attractive cafeteria-style benefits package is available, which includes liberal employer contributions toward a variety of medical and dental plans covering the employee and dependents. Domestic partners may be eligible for coverage when certain conditions have been met.

Employer paid \$5,000 Basic Life insurance with additional coverage available.

Long- and short-term disability plans. Accidental death and dismemberment plans.

Participation in the Oregon Public Service Retirement Plan (OPSRP) with 6% employee-contribution paid by employer.

Option to participate in the Oregon Savings Growth Plan, a Deferred Compensation (Section 457) plan offering a wide variety of investment options.

Vacation leave earned at the rate of eight (8) hours per month with accrual rate increases at five- year increments.

Personal leave of 24 hours each fiscal year.

Sick leave earned at the rate of 8 hours per month with no maximum accumulation limitation.

Ten paid holidays a year.

* Steps 8 - 10 effective July 1, 2006.

CONDITIONS OF EMPLOYMENT

The employee is required to maintain a drug/alcohol free workplace in accordance with the 1988 Drug-Free Workplace Act and Department Policy; and

Possess or be able to obtain a valid state driver's license or provide alternative means for travel.

TO QUALIFY

Your PD100 application form will be reviewed to verify that you meet the qualifications stated in this section. To qualify, your application form must clearly show that you have:

FORENSIC SCIENTIST 1

* five years experience as a Forensic Scientist in a nationally accredited Forensic Laboratory AND

* a Bachelor's degree in a natural science such as biology, chemistry, microbiology, biochemistry, physics, pharmacology, or a closely related field.

NOTE: official transcripts (sealed) or legible copies of official transcripts (unsealed) from all institutions of higher education must be submitted with your application.

If you are unsure if you qualify for the Forensic Scientist 1 position, submit your application for the Forensic Scientist Entry position (See announcement number LESP0621) and you will be considered for both.

YOU MUST ANSWER THE FOLLOWING QUESTIONS IN ORDER TO QUALIFY:

Use a separate sheet of paper. Write down any work experience (paid or unpaid) and training that you have that is related to each question. Limit your answer to each question to no more than two (2) pages. If there are several parts to a question, answer each part separately. Number your answers to agree with the question. Attach the answer sheet to your application. Your application will not be accepted if it is incomplete. Be sure to list the jobs where you gained experience in the Work History section of your application form.

1. KNOWLEDGE OF NATURAL SCIENCES/FORENSIC SCIENCE

a. Describe how you have gained knowledge of scientific/forensic disciplines in an academic setting or

PNWD/IAI EXAMINER, SUMMER 2006

through continuing education (e.g., workshops, seminars, professional conferences). When describing coursework, workshops or conferences, please list the title, the hours of training received and your grade if applicable.

b. Describe any professional experience you have applying your scientific knowledge and skills outside of academic coursework. Include jobs, volunteer work and/or internships.

2. SKILL IN INSTRUMENT/EQUIPMENT USE AND LABORATORY TECHNIQUES

List all scientific instruments/equipment you have used to perform analysis in a laboratory setting. Specifically describe: the amount of exposure/use, what analysis were performed, along with any troubleshooting, maintenance and method design experience

3. SKILL IN WRITTEN AND ORAL COMMUNICATIONS

a. Describe your experience in writing scientific/technical reports, papers, protocols and techniques, manuals, or related topics. Specifically describe the complexity of the writing, the subject matter, and the intended audience.

b. Describe your experience and/or education and skill in verbal communication/presentation. Specifically, describe any academic or professional presentations, seminars, or testimony given. Describe the complexity, the subject matter, and the intended audience of your examples.

Interviews will be offered based upon the results of the application evaluation.

DUTIES AND RESPONSIBILITIES

The Forensic Scientist performs complex laboratory analyses on physical evidence, devises analytical approaches to casework that may include research and/or generating or modifying methods, interprets analytical results, prepares written reports and testifies as an expert witness in courts of law. The major duties include, but are not limited to:

Identifies and compares evidence by qualitative, quantitative, microscopic, and any other scientific means available and necessary;

Provides conclusions and opinions in the form of a written report based on the interpretation of observations and analytical test results;

Monitors incoming calls from District Attorneys, investigators, and other law enforcement personnel regarding cases they have personally worked;

Independently assists law enforcement agencies in processing crime scenes through documenting and protecting evidence according to laboratory procedures ensuring the chain of custody is maintained;

Testifies in court as an expert witness associated with laboratory analyses;

Assists in the training of other forensic scientists and provides instruction to law enforcement agencies on the collection and preservation of evidence;

Certifies breath-alcohol testing equipment and testifies in court regarding procedures and certifications

Follows current development and theories in forensic science through literature and contact with other experts; and

Tests new techniques and modifies or incorporates them into validated, approved analytical procedures and courtroom testimony.

WORKING CONDITIONS

Subject to handling firearms, broken glass, syringes, odoriferous materials, blood, urine, and other body specimens that may come from diseased persons or clothing that may be infected with hazardous biological materials. May be required to work with caustic and flammable fluids or be exposed to toxic, carcinogenic, radioactive, or otherwise hazardous substances. Must follow proper safety precautions and practices.

Be subject to 24-hour callback, and must operate motor vehicles.

You must have a valid driver's license and a good driving record. If not, you must be able to provide an acceptable alternate method of transportation.

HOW TO APPLY

The Forensic Scientist 1 is the journey level for this classification series. It requires five years work experience in a nationally accredited forensic laboratory. The Forensic Scientist Entry is a trainee/apprentice position. If you are unsure if you qualify for the Forensic Scientist 1 position, submit an application fulfilling all requirements of the Forensic Scientist Entry position (See announcement number LESP0621) and you will be considered for both.

Forensic Scientist 1 Applicants:

*You must complete a State of Oregon application (PD100). Application forms may be obtained from any local office of the Oregon Employment Department, most state agency personnel offices, or at the following web site - www.oregonjobs.org.

* You must submit official transcripts (sealed) or legible copies of official transcripts (unsealed) from all institutions of higher education.

* You must complete and submit the attached skill codes sheet.

* You must submit answers to all questions contained within this announcement.

If you have a disability and need an alternate format, you may call the Personnel Services Section at (503) 378-3720.

For any inquiries or questions regarding the application process or these positions, please email us at osp.forensics@state.or.us. Our preferred method of communication is via email, so please be sure to give us your e-mail address for future correspondence on this recruitment.

DELIVER OR MAIL COMPLETED APPLICATION MATERIALS TO:

Oregon State Police
Attn: Personnel
255 Capitol Street/4th floor
Salem, Oregon 97310

If necessary, you may FAX to (503) 378-2360. The agency is not responsible for material that is illegible or missing as a

result of transmittal by FAX or which may be lost through the mail. We are not able to verify receipt of application materials.

Application materials can be submitted continuously until needs are met; all application materials should be complete and legible. Notice of application status will be sent by mail. Although agencies are not required to delay their selection process, you may request a review of the results. Your request must be received within 10 days from the date of notice.

SUBMIT only the required materials. Reference letters or work examples should be kept for interviews. Keep a copy of your application for job interviews. COPIES ARE NOT PROVIDED.

The pay on all announcements may change without notice. www.oregonjobs.org. The Department of State Police is an Equal Employment Opportunity/Affirmative Action

Current Job Openings and information on application forms is available via the Internet at employer.

Latent Forensic Scientist
ISP Forensic Scientist 1
[Idaho State Police](#)

Open for Recruitment: August 17, 2006 - September 17, 2006

Announcement # 07432078995

Salary Range: \$20.13 - 22.08 per hour [-Plus Competitive Benefits!](#)

Location(s): Meridian

The successful applicant will be required to complete a background investigation and polygraph examination, which includes drug screening. Please see the Idaho State Police Drug Policy at the end of this announcement.

The Forensic Scientist 1 is an entry-level position, which will work under the direct supervision of a more experienced Forensic Scientist. The Forensic Scientist 1 position converts to a Forensic Scientist 2 position upon successful completion of a specified training program, and two (2) years in the Forensic Scientist 1 position.

An experienced scientist who meets the minimum qualifications and *qualifying work experience of the Latent Forensic Scientist 2 will be certified upon completion of a qualifying examination and the six-month probationary period. Pay will be adjusted accordingly at the time the incumbent is certified as a Forensic Scientist 2.

*Qualifying work experience for the Latent Forensic Scientist 2 position includes a minimum of two (2) years working independently, planning, managing, and prioritizing caseloads; successfully engaging in independent research, evaluation, and validation activities; performing and documenting a range of examinations regarding latent print analysis; providing training and consultation services to professional criminal justice and scientific audiences; and testifying as an expert regarding forensic latent print examinations.

Responsibilities:

Conduct complex examinations of evidence and develop analytical findings in latent print examinations (ACE-V)

Perform examinations following defined analytical methods and other quality standards

Maintain established standards of laboratory cleanliness, safety, and efficiency

Provide expert opinion and witness testimony regarding scientific findings

Interpret findings for prosecutors and defense attorneys, prepare attorneys for presentation of findings

Train police officers in latent print processing and collection of evidence

Provide assistance at complex crime scenes for the collection of latent prints

Minimum Qualifications:

A baccalaureate or advanced degree in chemistry, biology, forensic science, or closely related field that is substantially an equivalent. Preference will be given to applicants who have coursework in chemistry.

For more information, please see the job announcement posted on the State of Idaho Human Resources website at www.dhr.idaho.gov. For additional information contact Randy Parker, Latent Program Supervisor directly at (208) 884-7149 or randy.parker@isp.idaho.gov.

**DNA/CODIS Forensic Scientist
ISP Forensic Scientist 1
[Idaho State Police](#)**

Open for Recruitment: August 17, 2006 - September 17, 2006

Announcement # 07432076770

Salary Range: \$20.13 - 22.08 per hour [-Plus Competitive Benefits!](#)

Location(s): Meridian

The successful applicant will be required to complete a background investigation and polygraph examination, which includes drug screening. Please see the Idaho State Police Drug Policy at the end of this announcement.

The Forensic Scientist 1 is an entry-level position, which will work under the direct supervision of a more experienced Forensic Scientist. The Forensic Scientist 1 position converts to a Forensic Scientist 2 position upon successful completion of a specified training program, and two (2) years in the Forensic Scientist 1 position. An experienced scientist who meets the minimum qualifications and *qualifying work experience of the DNA Forensic Scientist 2 will be certified upon completion of a qualifying examination and the six-month probationary period. Pay will be adjusted accordingly at the time the incumbent is certified as a Forensic Scientist 2.

*Qualifying work experience for the DNA Forensic Scientist 2 includes a minimum of two (2) years working independently, planning, managing, and prioritizing forensic biology/DNA caseloads; successfully engaging in independent research, evaluation, and validation activities associated with forensic biology/DNA; performing and documenting a range of examinations regarding DNA (preferably STR) analysis of forensic and/or database samples; providing training and consultation services to professional criminal justice and scientific audiences; and testifying as an expert regarding forensic/database DNA examinations, as applicable.

Responsibilities:

Receive, document, and track samples obtained from qualifying Convicted Offenders for inclusion in the state and national DNA database

Complete a training program in DNA analysis of Convicted Offender samples, acquire new skills, and improve techniques.

Conduct DNA (STR) testing on Convicted Offender samples and enter associated profiles into the DNA database (CODIS), while working closely with advanced forensic scientists.

Work closely with the State CODIS Administrator regarding database activities and sample confirmation/verification.

Participate in routine quality control measures, instrument maintenance and troubleshooting, as needed.

Maintain established standards of laboratory cleanliness, safety, and efficiency.

Perform examinations following defined SOPs and other quality standards.

Participate in the evaluation and validation of methods and/or instrumentation as it relates to the analysis of Convicted Offender samples.

May provide expert opinion and witness testimony regarding scientific analysis of Convicted Offender samples.

Minimum Qualifications:

A baccalaureate or advanced degree in biology, chemistry, or a closely related science field. Coursework must include biochemistry, genetics, and molecular biology.

For more information, please see the job announcement posted on the State of Idaho Human Resources website at www.dhr.idaho.gov.