



Crime Scene



December 2017

Volume 43, Issue 1



NWAFS 2017 Conference

Portland, OR

Editor's Message

After a year of serving on the board of the NWAFFS, I am amazed at the work of both the present and past boards. It takes a great deal of effort to put together a conference and many members assist in the process. Thank you to those members who continuously work at making this organization focused on professional growth. There are always ways that we can improve. If there are ideas for research projects or articles, the board would love to help facilitate sharing or developing these educational opportunities. This is both through our conference and this newsletter.

Cheers—Natasha

About the Newsletter...

Crime Scene is the official publication of the Northwest Association of Forensic Scientists. The Newsletter welcomes submissions from its membership such as technical tips, case studies, literature compilations, workshop or training notifications, reference citations, commentary, historical accounts, and other topics of interest to the membership. The views expressed in articles contained in this publication do not necessarily represent the views of the Northwest Association of Forensic Scientists. The Association neither guarantees, warrants, nor endorses these views or techniques but offers these articles as information to the membership.

Please submit material for publication in Microsoft Word for Windows format as an e-mail attachment or on compact disk (CD). All technical material will be subject to peer review by NWAFFS members. Requests for permission of any material contained in this newsletter may be addressed to the editor. Requests, or questions, of technical submissions will be directed to the originating author. For more information regarding the Newsletter contact:

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*NWAFS
Crime Scene
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PRESIDENT'S MESSAGE

First, I want to thank all those who had a hand in making the 2017 Portland Conference a success. Everything from the hotel accommodations, workshops, general session presentations, special research project, and keynote were fantastic and very well received. Most of all, the conference was well attended with old and new faces. Only good things happen when our membership spends time together under one roof. I also want to ensure and extend a big thank you to (now) Past President Brian Medlock for the time, effort, and love put into the Portland conference. But, with the Portland conference in the rearview, it's time to look to the future. On to Boise!

The board has met and is actively preparing for NWAFS's return to Boise Idaho. This coming year's conference will be held at the Red Lion Downtowner on September 18 – 21st, 2018. These conferences are put on by the membership for the membership, and as such, are heavily reliant on your involvement. If you have ideas on types of workshops, special research projects, and/or a keynote presenter(s) or are overwhelmed with excitement and just want to be involved, please reach out to your friendly neighborhood Technical Secretary Jodie Carney.

I'm excited, honored, and humbled to be serving the membership as this year's President. I'm fortunate to be surrounded by, and work alongside, an elite bunch of motivated and dedicated board members who will do whatever it takes to improve the association and maintain its greatness. We have no shortage of projects ranging from a website overhaul to archiving NWAFS historical documents to conference planning so keep checking into the website and reading the newsletters for updates. If you have any questions, concerns, or ideas please feel free to contact any board member.

I'm excited for this upcoming year, and can't wait to see you all in Boise!

Brian Robertson, NWAFS President
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NWAFS 2017 Secretary/Treasurer Report

By Kerry Hogan

Old Business

Dreyfus

- NWAFS had an account in the Dreyfus Conservative Allocation Fund with about \$28,585.00. This type of account is no longer offered by Dreyfus so we now have the Dreyfus Equity Income Fund (stock option) with \$15,000.00 and the Dreyfus Intermediate Term Income Fund (bond option) with \$13,585.00. Currently Heather Campbell and Corinna Owsley are the names on the account, which limits who can access and change the account. We do have the paperwork to alter this, however, have not taken action yet. The board will discuss and see the best options but leave two people on the account at all times.

Wild Apricot

- Continuing to use and pay on a yearly basis. Justin Lyman (website manager) said there is a no-fee option of software to move away from WildApricot, however, apprehensive to change when we still use its features; perhaps something to consider for future, but unlikely we will change.

Insurance

- Decided this year to apply again for insurance to protect the organization mostly during conference time. Received three quotes from different companies; however, the board has not determined future action at this time.

Taxes/Report

- Taxes were filed on April 3, 2017
- Annual Report to the Idaho Secretary of State filed on September 15, 2017

ABC

- Chris Hamburg attended a winter (March 2017) and summer (July 2017) board of directors meeting
- Judi Hoffman is on the ABC Exam Committee and attended AAFS (February 2017) and the summer meeting (June 2017)
- Membership dues paid on February 1

Membership Dues

- Dues increase was approved at last year's business meeting; should have noticed you paid \$50 this year.

Awards

- Congratulation to Tanna Gendreau on receiving the Ed Rhodes Scholarship to sit for the ABC exam!

New Business

2018 Meeting

- After looking at options for a meeting in the Seattle/Tacoma area, it was determined by the board that this would be too expensive for the organization. We have opted to return to Boise, Idaho and the meeting will be held at the Red Lion Downtowner. Look for more info later this year!

Website

- To limit requests of items to change, we try to build up a number of them and then request the changes; if there is any suggestions you may have (or complaints) please let the board know. This year we had two larger sets of improvements/changes through our website manager Justin Lyman. The board is trying to see how we can get more access to making changes ourselves to reduce costs (see Expenses below).

Board Meetings

- Had three phone conference board meetings mainly to keep up to date on planning for the 2017 meeting and discussed future meetings
- One in person board meeting on April 5, 2017 in Portland, very beneficial for the board not only in organizing the planning of the 2017 meeting, but was also able to do a site visit of the hotel. NWAFS only covered the cost for lunch which was \$108.00 for the board (at hotel during site visit).

Accounts:

Account Balances	September 2017	September 2016	Difference
Chase Savings	\$27,138.79	\$27,125.33	\$13.46
Chase Checking	\$26,865.20	\$28,132.75	\$-1,267.55
Dreyfus (Pre-split)	\$28,292.08	\$26,122.65	\$2,169.43
PayPal	<u>\$7,133.10</u>	<u>\$8,358.41</u>	<u>\$-1,225.31</u>
Total	\$89,429.17	\$89,739.14	\$-309.97

2016	Boise Meeting	\$5,970.71 loss (w/AV purchase)	Dues \$6,555.00
		\$2,528.31 loss (w/o AV purchase)	
2015	Spokane Meeting	\$16,122.24 loss	Dues \$4,590.00
2014	Rohnert Park Meeting	\$1,573.00 loss	Dues \$6,815.00
2013	Vancouver Meeting	\$8,885.81 loss	Dues \$6,985.00

2017 Year-to-date Expenses

• ABC annual dues	\$500.00
• ABC Board member meetings	\$1441.56
• Office supplies (ink, stamps, paper, name tag supplies)	\$169.93
• Website updates	\$700.00
• Peak Internet	\$191.52
• Wild Apricot	\$756.00
• Meeting swag (will have extra)	\$1442.98

Thank Yous

- HUGE thank you to Angie Brooks for everything she has done for this organization. She did a lot to help put on this meeting and announced in April that she was moving to Colorado and resigning her position on the board. I cannot emphasize enough what a huge asset she was to NWAFS and she is already greatly missed.
- Another huge thank you to Heather Campbell. She has been awesome essential in helping me transition into the secretary/treasurer position and has stepped in multiple times this year to take care of some lingering business.
- NWAFS members-for those of you I have interacted with, thank you for your patience while I have adjusted to my duties
- Lastly, thank you to the rest of the board, for making this year go so smoothly, for kicking ass, and (just like the members) for being patient while I tried to fill Heather's shoes.

2017 PORTLAND CONFERENCE		
ITEM	COST	TOTALS
OFFICE SUPPLIES		
Name tags/ink (9/15/17)	\$180.15	\$924.07
Stenzel Class Materials (drug design)	\$212.92	
Programs (Medlock put together)	\$531.00	
SWAG		
Bags/mugs/spinners	\$1,442.98	\$1,442.98
HOSPITALITY SUITE		
Target: food/drinks (9/17/17-Sunday)	\$151.04	\$672.55
Target: food/drinks (9/18/17-Monday)	\$117.21	
Liquor Store (9/18/17-Monday)	\$139.85	
Board meeting dinner (9/19-Tuesday)	\$76.98	
Target: food/drinks (9/20/17-Wednesday)	\$85.43	
Liquor Store (9/20/17-Wednesday)	\$64.90	
7 Eleven Mixers/Beer (9/21/17 Thursday)	\$37.14	
		\$3,039.60

EMBASSY SUITES		22,017.31
	TOTAL COST	25,056.91
REGISTRANTS	67 Attendees?	
	PAID	10,475
	OUTSTANDING (10/2/17)	8,725
VENDORS		8,175.00
	TOTAL PROFIT	27,375

TOTAL EARNED \$2,318.09

Technical Paper

Lisa Pope, Eugene Police Department Forensic Analyst

Jacob Mishler, Eugene Police Department Volunteer

The Effects of Un-Du on Ninhydrin and Wetwop When Processing Porous Items and Tape for Latent Prints

Abstract:

The procedure of processing porous substrates and non-porous tape with the use of Un-Du is tested. In addition, the use of different solvents of ninhydrin and its effects on Wetwop is tested. The results indicate that the use of Un-Du does not affect the processing of the porous item and the adhesive side of tape. It is also concluded that Un-Du should be used to separate the adhered tape and the porous substrate prior to processing the two items. If unable to separate the two items prior to processing, the use of HFE ninhydrin on the porous item prior to tape removal will yield the best results of latent print development on both the porous item and the adhesive side of tape.

Introduction:

Tape can often be found on porous items, such as cardboard, and can be processed as evidence in a forensic laboratory. Prior research has noted that different types of tape respond differently to the processing of latent prints [1]. Previous research also has determined that Un-Du is a viable solvent to remove adhesive tapes prior to latent print processing [2]. However, it was questioned by the author if the use of Un-Du with the attached scraping tool prior to latent print processing could negatively affect the success of processing and development of latent prints on both on the porous item and on the removed tape. It was also questioned if the use of ninhydrin, prior to tape removal would negatively affect the success of subsequent processing of the adhesive side of tape with Wetwop once the tape was removed.

Materials:

Substrates:

- Porous:
 - Cardboard
 - White Envelope
 - Manila Envelope
- Non-porous:
 - Clear Box Tape
 - OfficeMax Invisibletape

Chemicals/development medium:

- Black Wetwop
- HFE-7100 Ninhydrin
- Petroleum Ether Ninhydrin
- Un-Du

Equipment:

- Iron
- Paint brush
- Squirt bottle

Methods:

Processing techniques used for testing:

1. Ninhydrin in either solvent is applied by using a squirt bottle. The items being processed were allowed to dry. An iron is then used to apply heat and steam to finish the process.
2. Wetwop is applied using a paint brush. Time is allotted for the Wetwop to adhere to the adhesive side of the tape. Warm water is then used to gently rinse off the excess Wetwop. The tape is then allowed to dry.
3. Un-Du is applied from the bottle and the attached scraper tool is used to separate the adhered tape from the porous item. Time is allotted for the evaporation of Un-Du.

Control: Type of print to be used

Control tests were run to determine the type of latent print to be used for testing on the porous item, saliva or sebaceous. The control consisted of placing five saliva prints and five sebaceous prints on all three porous substrates and then processed with ninhydrin. The sebaceous prints (figure 1) developed with more success than the saliva prints (figure 2), therefore, sebaceous prints were used for the experiments.

Experiment 1: Effects of Un-Du on Porous Substrates

To determine if the use of Un-Du had a negative effect developing latent prints with ninhydrin after tape removal, twenty sebaceous prints were placed on all three porous substrates and then covered with box tape. Additionally, twenty sebaceous prints were placed on all three porous substrates and then covered with Invisibletape. Time was allowed for the tape to fully adhere to all six porous items. Un-Du was then used to remove the tape. Once the tape was removed, the porous items were processed with petroleum ether ninhydrin.

Experiment 2: Effects of Un-Du on removed tape

To determine if using Un-Du has a negative effect on processing of the adhesive side of the removed tape, twenty skin prints were placed on the adhesive side of box tape and then placed on a white envelope. This was repeated for the cardboard and manila envelope substrates. This was done on all three porous substrates with Invisibletape as well. Time was allowed for the tape to fully adhere to all six porous items, Un-Du was then used to remove the tape. Once the tape was removed, the adhesive side was processed with Wetwop.

Experiment 3: Effects of Ninhydrin in different Solvents on the adhesive side of tape

It was discovered during testing that using different solvents for the ninhydrin mixtures could make a difference in the development of latent prints on the adhesive side of tape when ninhydrin was used on the porous item prior to tape removal.

Experiment 3A consisted of placing twenty sebaceous prints on a white envelope and twenty skin prints on the adhesive side of box tape. The two substrates were then placed together overlapping the prints. Time was allowed for the tape to fully adhere to the envelope. Petroleum ether ninhydrin was then used to process the envelope with the exception of applying heat and steam. After ninhydrin processing, Un-Du was applied to

remove the box tape from the ninhydrin processed envelope. Once separated, heat and steam was applied to the envelope to fully develop the ninhydrin prints. Wetwop was then applied to the adhesive side of the box tape to develop the skin prints on tape.

Experiment 3B was the same as experiment 3A, however, HFE-7100 ninhydrin (versus petroleum ether) was used to develop the prints on the envelope.

Experiment 3C consisted of placing twenty sebaceous prints on a white envelope and twenty skin prints on the adhesive side of box tape. The two substrates were then placed together overlapping the prints. Time was allowed for the tape to fully adhere to the envelope. Un-Du was then used to first remove the tape from the envelope, then petroleum ether ninhydrin was used to process the envelope, and finally Wetwop was used to process the adhesive side of the removed tape.

Results:

Experiment 1: Effects of Un-Du on Porous Substrates

The use of Un-Du with the attached scraper was successful and did not negatively affect latent print development when using ninhydrin on the porous items (Figure 3 & 4).

Experiment 2: Effects of Un-Du on the adhesive side of tape

The use of Un-Du with the attached scraper was successful and did not negatively affect latent print development when using Wetwop on the removed tape (Figure 5 & 6). During testing, box tape had a higher yield of latent print development over Invisibletape; Invisibletape developed latent prints just under fifty percent of the time, whereas box tape developed latent prints one-hundred percent of the time.

Experiment 3: Effects of Ninhydrin in different Solvents on Non-porous Substrates

In all three experiments (3A, 3B, and 3C), the ninhydrin in different solvents yielded latent prints of value on the porous items underneath the tape one-hundred percent of the time. In experiment 3A, the use of petroleum ether ninhydrin to develop prints on the porous items prior to the use of Un-Du to separate the adhered tape, did negatively affect the subsequent processing with Wetwop once the tape was removed. In fact, using Petroleum ether ninhydrin on the porous item prior to tape removal inhibited the development of wet wop prints on the adhesive side of the tape on all testing materials. In experiment 3B, the use of HFE ninhydrin (versus petroleum ether) and subsequent removal of the tape for processing with Wetwop was

successful in developing the prints on the tape (Figure 7).

In experiment 3C, separating the porous items from the adhered tape with Un-Du prior to either ninhydrin or Wetwop processing produced the highest quantity and quality of latent prints developed.

Conclusion:

This experiment coupled with prior research concluded that the use of Un-Du can be used to remove adhesive materials on porous items without negatively effecting the subsequent latent print processing with ninhydrin (porous item) and Wetwop (the adhesive side of the removed tape). Of the experiments conducted, the best practice for developing quality prints with ninhydrin (porous) and Wetwop (tape) was to first separate the two, and then separately process them with their proper development mediums. If separation of the tape prior to ninhydrin processing cannot occur, the use of ninhydrin in HFE solvent to process the porous item prior to tape removal is recommended for successful Wetwop results once the tape can be removed. Further research could be conducted to determine if ninhydrin in different solvents would have a negative effect on the yield of latent prints on the non-adhesive side of tape.

For further information, please contact:

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References

1. Matthias, G. Cyanoacrylate Processing of Tape Following the Use of Un-Du. *J. For. Ident.* 2016, 66 (5), 388-394.
2. Molina, D. The use of Un-Du to Separate Adhesive Materials. *J. For. Ident.* 2007, 57 (5), 688-696.

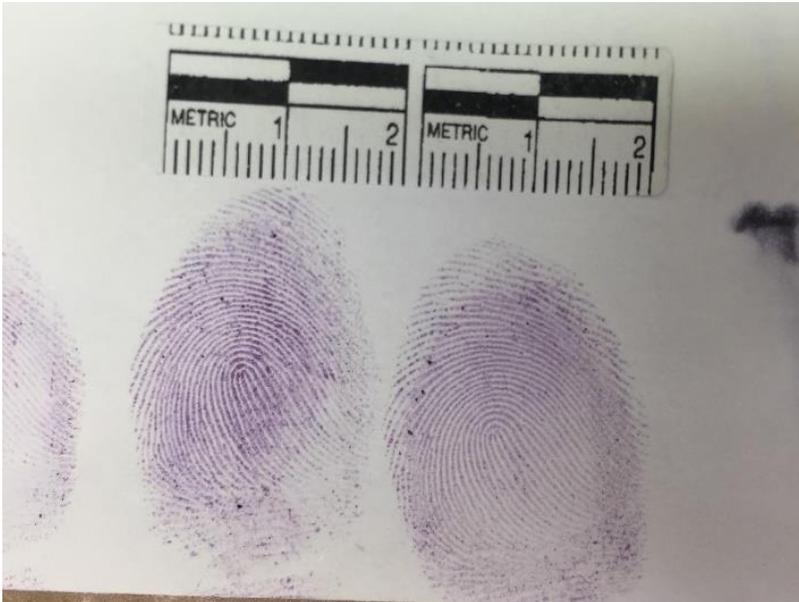


Figure 1: Controls: Sebaceous Print on white envelope developed with petroleum ether ninhydrin.

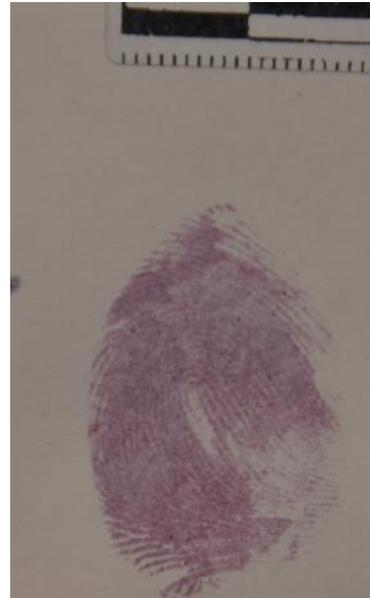


Figure 2: Controls: Salvia Print on white envelope developed with petroleum ether ninhydrin.

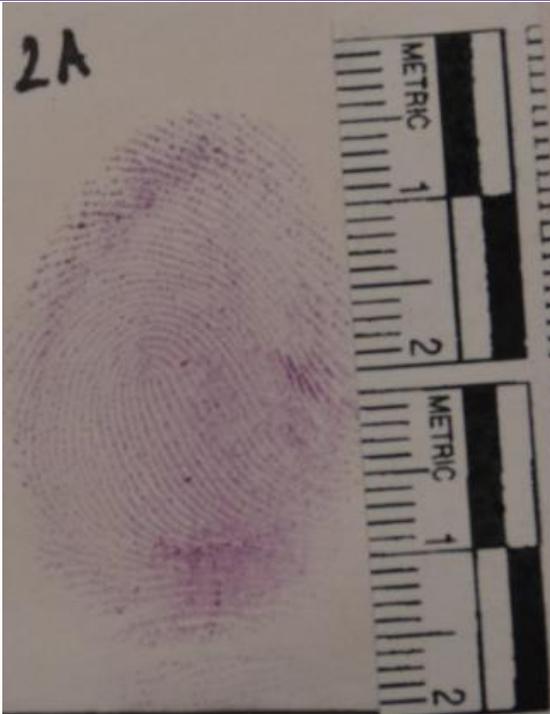


Figure 3: Exp. #1 Sebaceous print on white envelope developed with Pet ether nin after removed with Un-Du



Figure 4: Exp. #1 Sebaceous print on white envelope developed with pet ether nin after Invisibletape box tape had been removed with Un-Du



Figure 5: Exp. #2 Wetwop developed print on box tape after removal from a white Un-Du

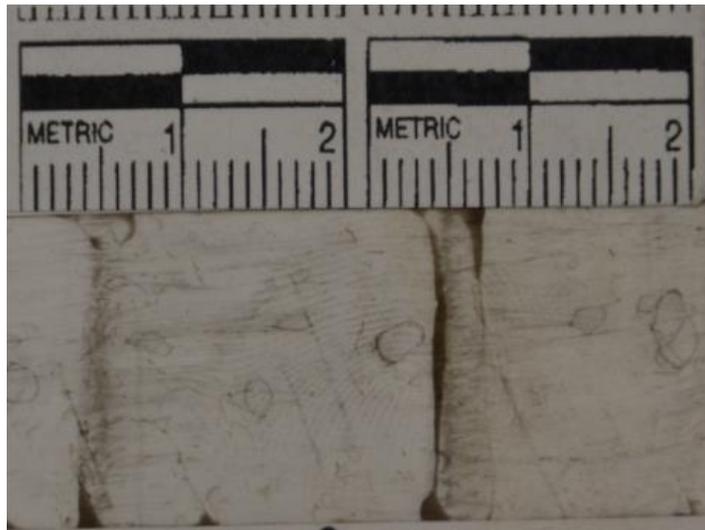


Figure 6: Exp. #2 Wetwop developed print on Invisibletape after removal from a white envelope using envelope using Un-Du



Figure 7: Exp. 3B developed Wetwop print on box tape which had been placed on a white envelope, then the envelope developed with HFE ninhydrin, and then tape removed with Un-Du and processed

Life Members

During the 2017 NWAFFS conference, the board members discussed sharing letters written in support of nominated and accepted life members. The recipients of the life membership have gone above and beyond regular membership duties and it is nice to honor the work they have completed.

Matt Noedel

At the 2016 NWAFFS conference, Matt Noedel was nominated and accepted as a life member. The following are the letters written to support nomination of Noedel, and display the value that Matt has contributed to NWAFFS.

Endorsement for Noedel made by Heather Campbell

I am writing this letter to nominate Matthew Noedel for a Life Membership for the Northwest Association of Forensic Scientists, Inc. I first got to know Matt when I attended the 2011 NWAFFS meeting in Tacoma, Washington. I had just joined the Board as the Secretary-Treasurer and Matt was serving as President. He single handedly orchestrated the Tacoma meeting. On countless occasions, I reached out to Matt for help in understanding my new role and he was always willing to offer up advice and assist in any way he could. He unselfishly stayed in the role as President the following year to ensure our organization continued to be a success.

Upon researching past newsletters, I discovered Matt had previously been the Vice President in 2007 as well as serving as Editor to the newsletter from 1997-2002.

Since becoming a Board member, I have a much greater appreciation for this association and the commitment of the Board members to keep this organization afloat. Matt continues to help this organization by developing and participating in Special Research Topics, being a Keynote Speaker, attending the annual meetings and being a voice of reason at each Business meeting.

You can always count on Matt to have a smile on his face and know he is enjoying himself and his work. Matt is one of a handful of people that have devoted their time and attention to making the NWAFFS a success and for this I feel he should be awarded and recognized as a Life Member of this association. If you have any questions, please feel free to contact me.

Endorsement for Noedel made by Jeff Jagmin

I am submitting this application to nominate Mr. Matt Noedel for a Life Membership for the Northwest Association of Forensic Scientists.

I have been privileged to have known Matt for over 20 years. During this time I have had the pleasure of working with him in scientific examinations along with working with him in informal and formal NWAFS duties. I think that those of us who belong to the NWAFS organization and who know Matt all think very highly of him. We have all seen him leading a workshop or presenting a technical presentation – he has never been shy to share his wealth of scientific knowledge.

In preparation of writing this nomination I briefly looked over Matt's involvement with the NWAFS organization. Simply put, Matt's contributions are tremendous in both quantity and quality- it almost seems like he has cloned himself, several times over! Some of Matt's contributions:

1997 – 2002; Editor – Matt contributed consistently and his message was always relevant. In review of these newsletters (both when I started as editor and now in looking over for his life nomination) he created fun topics for his readers such as "Bits of Tid·, "Northwest Note", and "Caption This". It seems to me that Matt did all of this to get more scientists involved in the NWAFS organization.

2000 NWAFS Seattle Meeting; Host – Matt was solely responsible for this very successful, and memorable meeting.

2008; President -After serving 2 years on the board he fulfilled his Presidential duties. In reading his President messages it seems that his priorities were always for providing opportunities for others to be involved and advance their scientific careers.

2010-2012; Appointed President – The NWAFS organization was in need of not only filling a vacant President position, it needed guidance to lead a younger board into the future. Matt took the challenge by not only solidifying our organization for that time but by mentoring others which continues as these individuals are now leading the NWAFS organization into the future.

2011 NWAFS Tacoma Meeting; Host- Not only was Matt solely responsible for this very successful meeting, he also hosted this while working independently. Noedel Scientific became the first time a private business hosted an NWAFS Meeting.

2013- Vancouver Meeting; Keynote Speaker - The sharing of his forensic experiences working in Jamaica was eye-opening!

Special Research Topics
Mentor 2011 – Tacoma Meeting
2012 – Missoula Meeting

2013 - Vancouver Meeting

Matt has encountered forensic problems in which he led small groups to exercise the scientific method to help solve, better understand, or how to better address these problems.

I am not even going to list the multiple workshops and technical presentations that Matt has contributed over the many years!

In looking over his contributions to the NWAFFS organization it seems to be enormous! But, I believe that the most significant trait that cannot be reviewed or measured is Matt's willingness and openness to listen and discuss forensic topics. He is always there to bounce an idea off of, ask him a question, or enquire about his thoughts about a topic.

Matt is a true professional, a mentor (to me and countless more), and a tremendous friend! His past and future contributions have and will continue to help the NWAFFS organization with its success. Please consider Mr. Matt Noedel for consideration for being a NWAFFS Life Member.

Endorsement for Noedel made by Kathy Kittell

It is with great pleasure that I nominate Matt Noedel for the 2016 Life Member Award.

Matt has been an outstanding leader, advocate, and a great advisor for both the Board of Directors and the membership of the Northwest Association of Forensic Scientists. This is evident by his service to the Board as the Member at Large in 2005, the Vice President in 2006 and the President in 2007. He graciously helped the association by stepping up to fill the vacant position of President for two additional years, during a back to back term in 2010 and 2011 when leadership was greatly needed. Matt also served as the Program Chair for the annual conferences in 2010 and 2011.

I personally got to work with Matt in 2011 during my time on the Board. He was a wealth of knowledge and experience when it came to organizing training conferences as well as providing recommendations on how to provide the best training experience for our members and other forensic professionals. It has been a privilege to work with him and experience first-hand his many contributions to our association as he helped develop the special research topics portion of our conferences and solely hosted and did much of the preparation for the 2011 training conference in Tacoma, Washington.

Matt's dedication to the forensic field overall is impressive. Not only has he volunteered his time and efforts to the NWAFFS, he has been an active board and committee member for the Association of Crime Scene Reconstruction, Association of Firearm and Tool Mark Examiners and the International Association of Bloodstain Pattern Analysts. Among all the duties to his professional affiliations as well as

operating his own consulting business, Matt has always found the time and importance to continue to contribute to the NWAFS. He has continued to provide and mentor research workshop topics, give presentations at our conferences, provide content for our newsletter, and help advise the current and past Boards of Directors. Matt's history of service and enhancements to our association has been extraordinary and greatly appreciated.

It is for all of these reasons that I feel Matt is more than deserving of this award. Please consider rewarding him for all of his contributions to the NWAFS by bestowing the Life Member Award upon him.



2017 NWAFS Portlandia Banquet dinner. Pictured Jeff Jagmin, Matt Noedel, and Dan Alessio

Life Member

Dan Alessio

During the 2017 NWAFS conference Dan Alessio was nominated and accepted as a life member for his significant contributions to the organization. The following are the letters endorsing Dan for life member.

Endorsement for Alessio made by Jeff Jagmin

I am submitting this application to nominate Dan Alessio for a Life Membership for the Northwest Association of Forensic Scientists.

I have known Dan for over 10 years. During this time I have had the opportunity to work with Dan in formal and informal NWAFS duties. In preparation of writing this nomination I briefly looked over some of Dan's involvement with the NWAFS organization.

2002 - 2005 Membership Secretary
2006 - President
2011 - Vice President

This list is not the totally of what Dan has contributed to the organization - Dan is always willing to contribute to a meeting, either sharing his expertise in a workshop or a presentation. Dan even "volunteered" his leadership by stepping in to be Vice President in 2011. Although adding more duties to his already full plate he willingly took this role to help provide much needed stability for the organization. Dan's professionalism and integrity are clearly demonstrated when one interacts with him or when one attends a workshop and/or watches a presentation from him. Most of all, Dan is always willing and open to listen and discuss forensic topics.

Dan is a true professional and his past, and future, NWAFS contributions will continue to help the NWAFS organization with its success. Please consider Mr. Dan Alessio for a being a NWAFS Life Member.

Endorsement for Alessio made by Rhonda Banks

It is with great pleasure that I write to you to nominate Dan Alessio for life membership in the Northwest Association of Forensic Scientists (NWAFS). I have known Dan for over 15 years as a colleague and a friend. In that time, I have come to admire his professionalism, dedication, and enthusiasm for forensic science as well as his sense of humor and fun-loving spirit.

Dan joined the NWAFS in 2001 and has since served the organization as Membership Secretary, Vice President and President. During this time, he has attended approximately fifteen NWAFS meetings, often paying his own way when he was not sponsored by his employer. He has served as conference chair for one meeting and has participated on committees to organize several others. In addition to his commendable service, Dan has frequently been willing to share his knowledge with the membership in the form of paper presentations and workshops.

Aside from his participation in the NWAFS, Dan is known as a leader within the Oregon State Police Forensic Services Division and other organizations in which he serves. He has acted as the Firearms discipline Technical Leader for OSP and has trained and mentored other examiners throughout his career. He has given workshops and presentations for other forensic professional organizations such as The Association of Firearms and Tool Mark Examiners and the Pacific Northwest Division of the International Association of Identification. His willingness to share his experience and knowledge of forensic science has also led to presentations for other organizations ranging from The Oregon Washington Lawman's Association to Nerd Nite Portland.

During his tenure as NWAFS President, Dan wrote in the NWAFS newsletter: "I believe that Forensic Science is just about the best job a person could have, and Forensic Scientists are some of the best co-workers and finest friends a person could ask for." One of the reasons that forensic science is such a fulfilling job is because of dedicated individuals like Dan who go the extra mile to further the profession and to mentor others in understanding and learning while having a great time and making friends along the way. It is a great honor for me to nominate Dan Alessio for life membership in the NWAFS.

Endorsement for Alessio made by Chris Hamburg

It is with great honor that I recommend Dan Alessio as a life member in the Northwest Association of Forensic Scientists. In the 8+ years that I have worked with Dan, I have known him to be a tireless scientist always striving to know more. He has never stopped learning and is constantly sharing his knowledge through teaching of his peers and professional colleagues.

Although I've only worked with Dan for 8 years or so, I was introduced to him in my early years in forensics at a NWAFS meeting here in Portland. He was one of the people that you had to get to know. His commitment to forensic science and to the NWAFS is infectious and consistent and he's the kind of guy that everyone wants to be around.

Dan's commitment to the organization has led to three different stints on the Board of Directors as the Membership Secretary, Vice President, and President. His most recent turn as Vice President came at a time of uncertainty for the board as the previous President, Vice President, and Member At-Large all declined to continue in a leadership role. Dan stepped up for another year of service to the organization and provided some much needed stability.

More recently, Dan had a health scare while on the job. He easily could have used this instance to take it easy and reduce the stress that comes with this type of work. But that is not in Dan's nature. He rehabbed and is now back to work as the dedicated and committed scientist that he is.

Dan is widely respected in the forensic community for his work and is the kind of person the life membership level was created for. I wholeheartedly encourage the NWAFS membership to grant Dan this status.

Carly Sizelove NWAFS Member at Large Forensic Scientist, Oregon State Police

I received my Bachelor of Science in Chemistry, Minor in Forensic Science from Western Oregon University in 2006. Part of the requirements for my minor was taking an “Applications of Forensic Science” course that, lucky for me, was taught by actual Forensic Scientists from the Oregon State Police. I pestered the adjunct professor, who was none other than NWAFS member Devon Sommer, until I was able to get an internship at the Portland Forensic Lab. Prior to graduation; I was hired as a Laboratory Technician helping support the Chemistry Section. It took me 5 years to gain the courage to apply to be a Forensic Scientist, as I was terrified at the thought of testifying. However, the experience of being a lab tech paid off and I was hired to be a Forensic Scientist in the Chemistry Section in 2011. I joined the NWAFS in 2015.

and spending time with friends.



Outside of work I love spending time with my husband, Anthony, and our two cats, Harley and Lexie. I enjoy any sort of crafting and have dabbled in everything from glass blowing to scrapbooking. I also enjoy working out, attending Trail Blazer games,

Jodie Carney

Technical Secretary

Forensic Scientist, Idaho State Police



I grew up in Whites Creek, Tennessee (which is right outside of Nashville). I graduated from the University of Tennessee at Martin (which is in between a soybean field and a cow pasture) in 2007 with my Bachelors of Science in Biology emphasis in Molecular

Biology with a Criminal Justice minor. From there I went to Richmond, Virginia where I graduated with my Master of Science in Forensic Science from Virginia Commonwealth University. After graduating with my Masters in 2009, I papered the entire country with applications to any entry level biology forensic science position. Idaho State Police was either smart enough or dumb enough to say yes to this southern gal in 2010. So that July I made the 2,000 mile journey from Nashville to Boise to start my life here working in the DNA Database unit. I fully intended on only staying a while but I kind of fell in love with the location and the people. So now 7 years later, I'm still here at ISP working in the same unit and I just put an offer in on a house (hopefully by the time you read this I'll be living in that house!!!). In my spare time I enjoy cooking new recipes, reading, riding my bike, and traveling.

Membership Secretary Report 2017

The following has been approved by the 2017 Membership Committee:

Applicants for Provisional Associate Membership

Last Name	First Name	Organization
Cooper	Rockefeller	Jeff County ME
Lopez	Brian	Thermo Fisher

Applicants for Provisional Regular Membership

Last Name	First Name	Organization
Arrabit	Monique	Oregon State
Bennett	Hanna	Utah BFS
Folks	Kaylene	WSP-Cheney
Germain	Shawna	Oregon State
Kronholm	Jason	Oregon State
Nelson	Alexis	Utah BFS
Pope	Lisa	Oregon State
Reifsteck	Christopher Nick	WSP-Cheney
Rider	Molly	WSP-Cheney
Rutter	Addison	Oregon State
Short	Sara	Oregon State
Storment	Kristen	WSP-Cheney
Ward	Erin	Oregon State
Yankee	Adam	Utah BFS

Elevation from Provisional Regular Member to Regular Member

Last Name	First Name	Organization
Carney	Jodie	ISP Crime Lab
Daily	Jamie	WSP-Marysville
Femreite	Jamie	Idaho State Police
Gendreau	Tanna	Montana FSD
Hause	Devon	WSP-Cheney
Moe	Katie	Montana Crime Lab
Neibaur	Amberlee	Utah BFS
Robertson	Brian	OSP-Springfield
Sizelove	Carly	Oregon State Police
Vo	Carol	WSP-Marysville
Whittle	Kelly	Utah BFS

The following members have not met the requirements within 3 years for the promotion out of Provisional status and are eligible for demotion to Associate Status

Last Name	First Name	Organization
Mattox	Tina	ISP Crime Lab

The following members have voluntary resigned

Last Name	First Name	Organization
Lee	Marsha	US DOJ
Moore	Tommy	Wyoming Fish and Game
Ogilvie	Christine	Oregon State Police
Renfroe	Julie	California Bureau of Forensics
Simmons	Rodney	Wyoming State Crime Lab
Wilson	Stacey	Montana Forensic Science Division

NWAFS 2017 Portland
Business Meeting: Wednesday September 20, 2017
Minutes by Secretary-Treasurer Kerry Hogan

Meeting called to order at 1430

Board of Directors members in attendance: President-Brian Medlock, Vice President-Brian Robertson, Member at Large-Ryan Chambers, Membership Secretary-Steve Stone, Secretary/Treasurer-Kerry Hogan Editorial Secretary-Natasha Wheatley

Not in attendance: Past President-Trevor Allen

Quorum required-whomever is present at the meeting-quorum met

Approval of last year's business meeting minutes

President Brian Medlock entertained a motion to approve minutes

Jeff Jagmin made the motion

Steve Stone seconded the motion

All in favor, unanimous vote, Motion carries-minutes approved

President Brian Medlock Report

Opening

Thank you to board and members

Vice President Brian Robertson Report

Future meetings

Back 2 Boy-see (Sept 18-21, 2018 Red Lion Downtowner)

Ideas for presenting and workshop, please reach out to board

Trying to save money/be more efficient by making meeting shorter (next year trying a 4 day meeting)

Joint meeting with PNWDIAI (2019) Portland/Vancouver; September/August

Brady Boothe suggested the board needs to discuss/take into consideration any conferences that occur at the same time as our meeting. Board did say that this is taken into careful consideration when we set the meetings.

Member at Large Ryan Chambers Report

Send more people to NWAFS and grow membership

Website-suggestions to Ryan; general design and functionality

Expanding social media-Facebook and Twitter

No questions

Editorial Secretary Natasha Wheatley Report

One newsletter this year (2017)

Request for articles-membership support

Special research topics-type a brief description to have published

Can put together a newsletter, but without substance won't be beneficial for members

Heather Campbell: Suggests meeting minutes in the newsletter, they already were and we will continue to do so.

Secretary/Treasurer Kerry Hogan Report (see report in folder)

Membership Secretary Steve Stone Report(see report in folder)

-Applicants/Nominations for open positions

Natasha Wheatley moved to make a motion to accept demotion and promotion of members listed in the report

Jeff Borngasser seconded the motion

All in favor, unanimous vote, motion carries

Life members

-2016 meeting-Matt Noedel awarded life membership, letters were not read, Steve Stone took the time to read them now and present them to Noedel. Heather Campbell, Jeff Jagmin, and Kathy Kittel wrote the letters for recommendation of life membership.

-2017 Dan Alessio was awarded life membership. Steve Stone read his letters in the meeting. Rhonda Banks, Chris Hamburg, and Jeff Jagmin wrote the letters for recommendation of life membership.

Steve Stone entertained a motion to vote Dan Alessio in as life member

Robert Thompson made the motion

Natasha Wheatley seconded the motion

All in favor, unanimous vote, motion carries

Board Positions

-President

Brian Medlock entertained a motion to vote Brian Robertson as president

Motion made by Steven Stone

Seconded by Natasha Wheatley

Robertson left the room for vote

All in favor, unanimous vote, motion carries

-Vice President

Brian Medlock entertained a motion to vote Ryan Chambers as vice president

Motion made by Brian Robertson

Seconded by Dan Alessio

Chambers left the room for vote

All in favor, unanimous vote, motion carries

-Member at Large

Brian Medlock entertained a motion for nominations for member at large

Motion made by Brian Robertson to nominate Carly Sizelove

Seconded by Celeste Grover

Sizelove left the room for vote

All in favor, unanimous vote, motion carries

-Editorial Secretary

Brian Medlock entertained a motion for nominations for editorial secretary (since Natasha Wheatley was an interim editorial secretary and had agreed to one year)

Motion made by Steven Stone to nominate Natasha Wheatley

Seconded by Ryan Chambers

Wheatley left the room for vote

All in favor, unanimous vote, motion carries

-Technical Secretary

Brian Medlock entertained a motion for nominations for Technical Secretary

Motion made by Kerry Hogan to nominate Jodie Carney

Seconded by Natasha Wheatley

Carney not present at the meeting

All in favor, unanimous vote, motion carries

Chris Hamburg ABC

-Board of directors/exam committee meeting twice per year. New Orleans, Indiana State Police were the sites for this year

-Provides certification exams for forensics-over 1100 certified

-Board made up of representatives from other organizations; sets policies for exams; exam committee puts forth content for exams. Proficiency test review committee-Sheri Jenkins

-Push for ISO 17024 accreditation, molecular bio exam first (8 subject matter experts meeting at Promega). Want exam to be more relevant.

-One free sitting for exam for being a member organization

-Next meeting in Seattle, should save money since closer-ABC provides a \$700 stipend for each representative and NWAFS pays the rest.

No Questions

New Business (moderated by Brian Medlock)

- Heather Campbell-Important for historical documentation through newsletter to keep track of board members and meetings (brought up based on trying to research info for trying to write letters for life member).
- Steve Stone would like membership tote with paperwork to go through and organize/condense (because he has never seen documentation, has been at ISP since Corinna Owsley put membership info onto a hard drive)
- Robert Thompson suggested getting an estimate for PDF scanning for the secretary/treasurer documents. Brady Boothe suggested making sure there was duplicate copies, Kerry Hogan said that the documents would not be destroyed, they just wouldn't have to be moved when new secretary/treasurers are elected

Snacks at 3:30

Free drinks in the lobby from 5:30-7:30 come and mingle!

Hospitality suite in Room 831

Heather Campbell wondering about future meetings passed 2020. Going to Utah? Board will be looking into this as a potential site

For the newsletter-presentations at NWAFS should we put in? Yes. Can you publish in something else? There is an article on this that Jeff Jagmin wrote around Summer 2013. Board should find and reference in next addition of newsletter. Research topics are being used as references (Steve Stone did a research topic at an NWAFS meeting and it is going to be used in the near future as a reference), need to write them up and get them in the newsletters.

General session in Spruce starting at 8:00
Dinner in Pines at 6:00-theme is Portlandia

Brian Medlock entertains motion to close
Seconded by Natasha Wheatley
All in favor
Close meeting
Meeting closed at 1541

CAPTION THIS!



The best caption submitted for this photo will win a
\$25 gift card of your choice!

nwheatley@adaweb.net

CAPTION THIS WINNER!

**Congratulations to:
Elizabeth Uhrich**



Winner goes to:

“Ladies First”

Runner up goes to:

Daniel Peterson

Slim: That is one heckuva natural latrine.
Jim: Yep, and I’m sure glad I can pee standing up.

NWAFS 2017 Conference Portland, OR



Thank you to all those that attended, presented, and worked to make the 2017 conference a success!

FREE REGISTRATION!

Got an interesting technical note, informative article
or research project?

Make a submission to the NWAFS newsletter, and you could win FREE
REGISTRATION to an upcoming NWAFS meeting!

The officers vote for the “Best Independent Newsletter Submission” once
per year and award a FREE REGISTRATION to the winner.

NWAFS REGISTRATION



ADMIT ONE

**FREE REGISTRATION
ONLY ONE WINNING AUTHOR PER SUBMISSION
EXPIRES 3 YEARS FROM AWARD**

Help keep the NWAFS newsletter interesting and informative by
sending your submissions to:

Natasha Wheatley, NWAFS Editor
nwheatley@adaweb.net