

# WHATCOM COUNTY MEDICAL EXAMINER Annual Report 2021



1500 North State Street, Bellingham, WA 98225

## TABLE OF CONTENTS

Mission Statement/Executive Summary	3
2021 Overview	4
Geographic Jurisdiction	5
Cases by City	5
Cases by Location	6
Cases by Referring Agency	7
Cases by Month	7
Manner of Death: Natural	8
Manner of Death: Accidental	9
Manner of Death: Suicide	12
Manner of Death: Homicide	14
Manner of Death: Undetermined	14
Medical Examiner Responsibilities	15
Medical Examiner Office Pathologists	17

## MISSION STATEMENT

The Medical Examiner is a physician qualified to perform forensic investigations, authorized by Whatcom County, Washington, to investigate sudden, unexpected, violent, suspicious, or unnatural deaths. The purpose of the Medical Examiner program is to bring trained medical evaluation to the investigation of deaths that are of concern to the public health, safety, and welfare of the community.

## EXECUTIVE SUMMARY

During 2021 the Whatcom County Medical Examiner's Office assumed jurisdiction in 168 death investigations that involved forensic autopsies, toxicological examinations, viewing and summary reporting. In addition, 280 other additional cases were reported and investigated and no jurisdiction was assumed (NJA).

Local agencies brought miscellaneous bones to the Medical Examiner to determine if they were of human origin.

Teaching and public relations are also an important part of the Medical Examiner's Office. Consulting was ongoing with the fire and police departments of the county and St. Joseph's Hospital. In addition, service organizations, professional, college and high school classes toured the morgue facility. The Medical Examiner also represented the office on numerous occasions to various civic organizations and gave multiple lectures.

This report is the last document created under my authority as Whatcom County Medical Examiner, culminating continuous operation of the Office for the past 32 years. It has been my pleasure to serve our community. I wish to thank Madell for creation of this report, Tracey and all the previous ME Investigators, support staff, transportation, law enforcement, Prosecuting Attorney's Office, Public Defender's Office, local Bar Association, representatives of the media, UW Medicine, WWU, St Joseph Hospital, WA State Toxicology and NMW Toxicology and the residents of Whatcom County for years of support.

Gary Goldfogel, signed electronically 4/19/2022

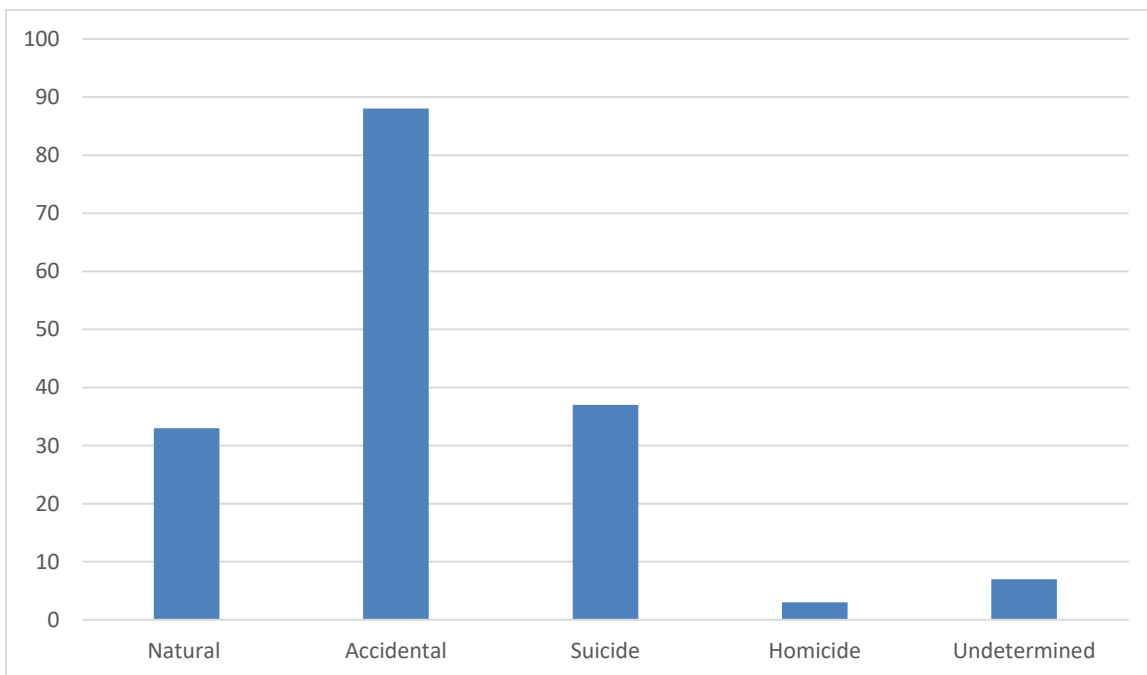
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**Gary Goldfogel, MD**  
**Whatcom County Medical Examiner**

## 2021 OVERVIEW

During 2021 the Whatcom County Medical Examiner's Office conducted 168 forensic death investigations. Those investigations are grouped into one of five categories based on manner of death (see breakdown below). The statistics and graphs presented in this report show the breakdown of the various causes of death and the age and sex of those who died.

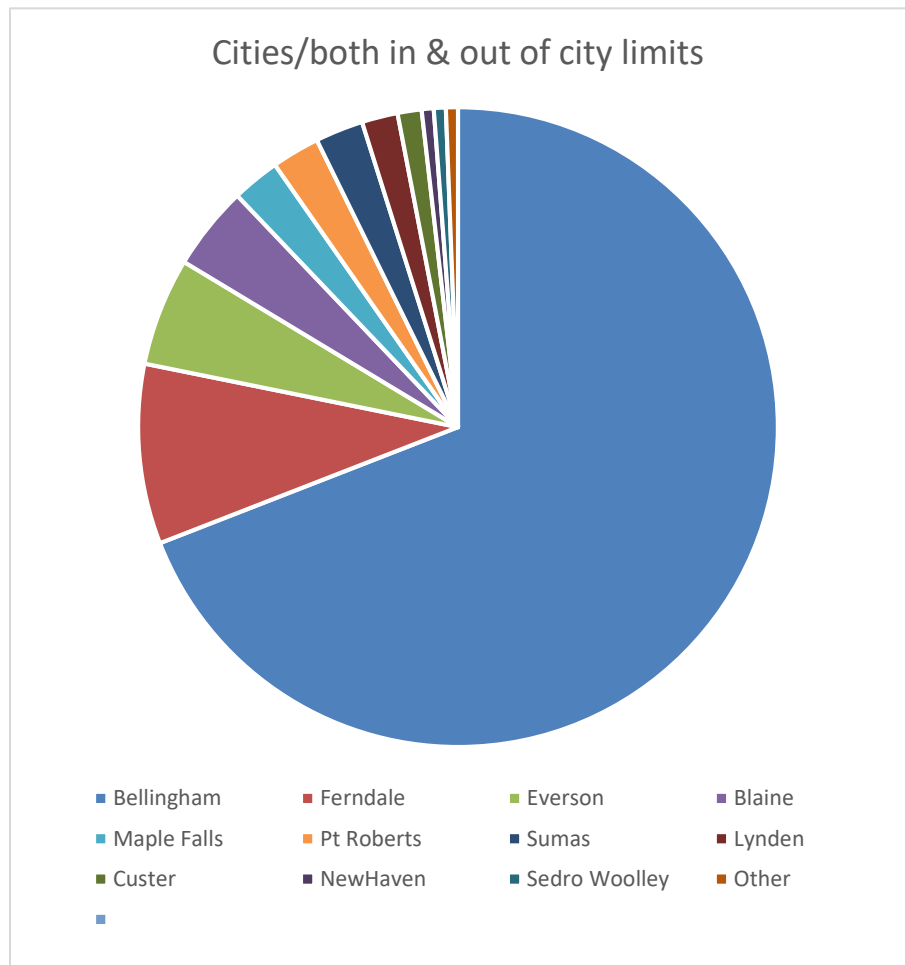
There were 33 investigated natural deaths, 88 accidental, 37 suicide, 3 homicide and 7 undetermined.



## GEOGRAPHIC JURISDICTION

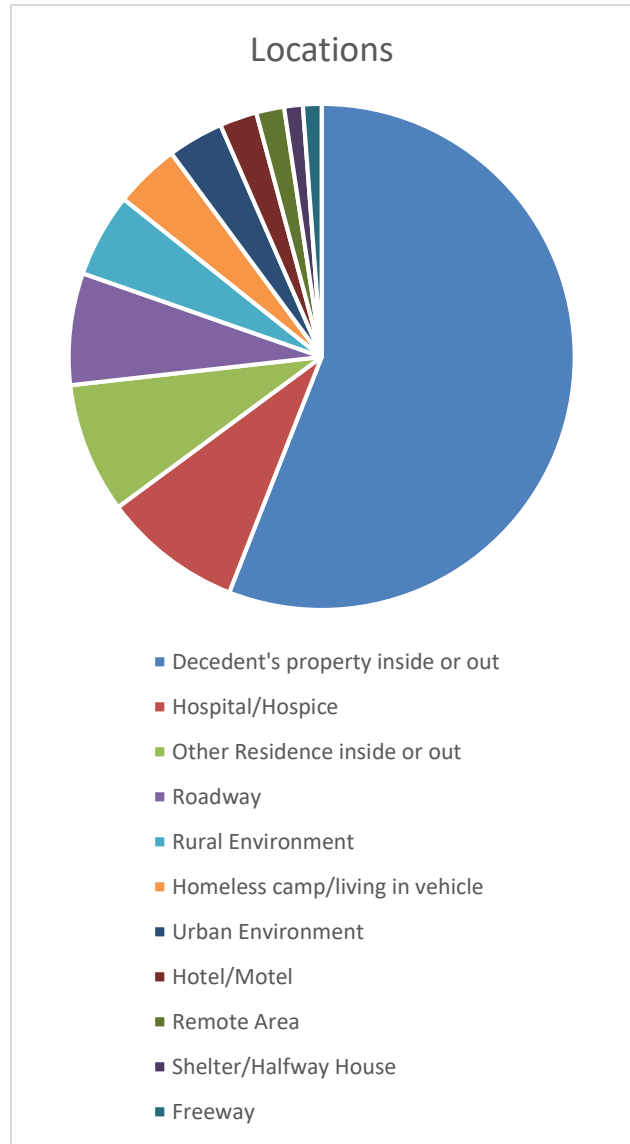
The Whatcom County Medical Examiner has jurisdiction over unexpected, unnatural or unattended deaths within the county. The following sections contain figures about where in the County the investigated deaths originated, how they were referred to the ME's office, and the breakdown of case numbers by month.

Cities/both in & out of city limits	
Bellingham	114
Ferndale	15
Everson	9
Blaine	7
Maple Falls	4
Pt Roberts	4
Sumas	4
Deming	3
Lynden	3
Custer	2
NewHaven	1
N Sedro Woolley (address within Whatcom County)	1
Other	1



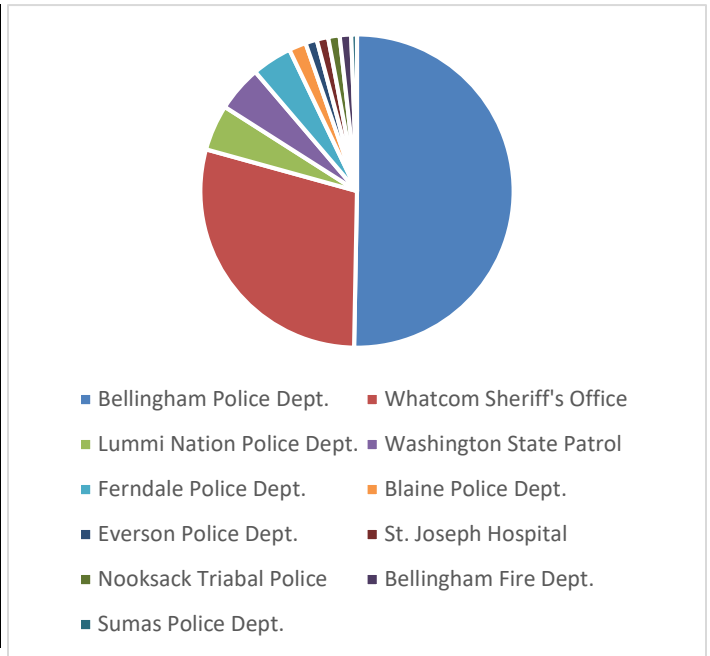
The Medical Examiner investigated cases reported from each of the cities listed in the figures above.

Locations	Value
Decedent's property inside or out	94
Hospital/Hospice	15
Other Residence inside or out	14
Roadway	12
Rural Environment	9
Homeless camp/Living in vehicle	7
Urban Environment	6
Hotel/Motel	4
Remote Area	3
Shelter/Halfway House	2
Freeway	2

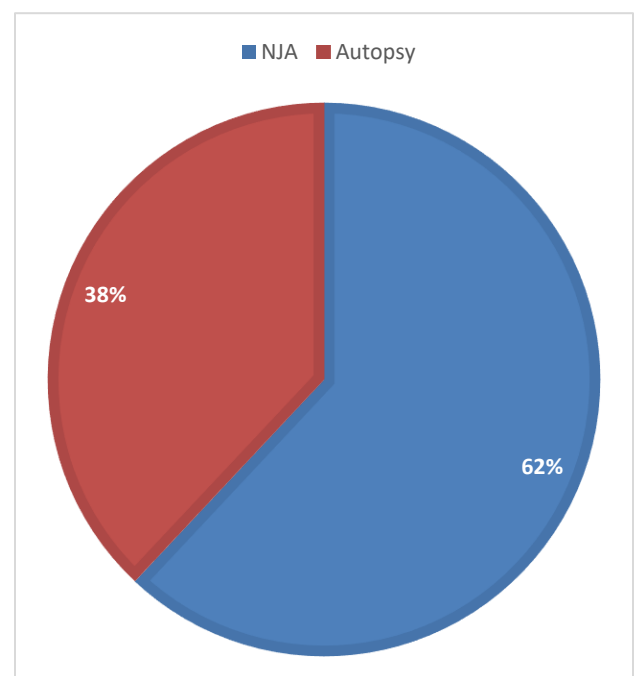
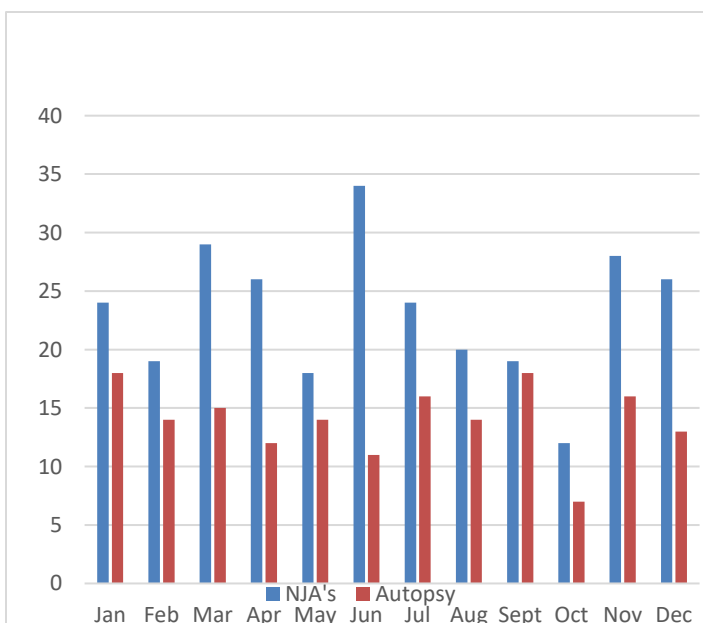


The decedent died or was found at the locations listed above.

Referring Agency	
Bellingham Police Department	85
Whatcom County Sheriff's Office	49
Lummi Nation Law and Order	8
Washington State Patrol	8
Ferndale Police Department	7
Blaine Police Department.	3
Everson Police Department	2
St. Joseph Hospital.	2
Nooksack Tribal Police	2
Bellingham Fire Department	1
Sumas Police	1



Of the 168 cases investigated by the Medical Examiner's Office, 11 were in a state of at least moderate decomposition and 20 were known transient or homeless.



The Medical Examiner's Office was presented with 447 deaths in 2021, and claimed jurisdiction over 168 of them. The others received "paper" investigations and were designated NJA which stands for "no jurisdiction assumed."

## NATURAL

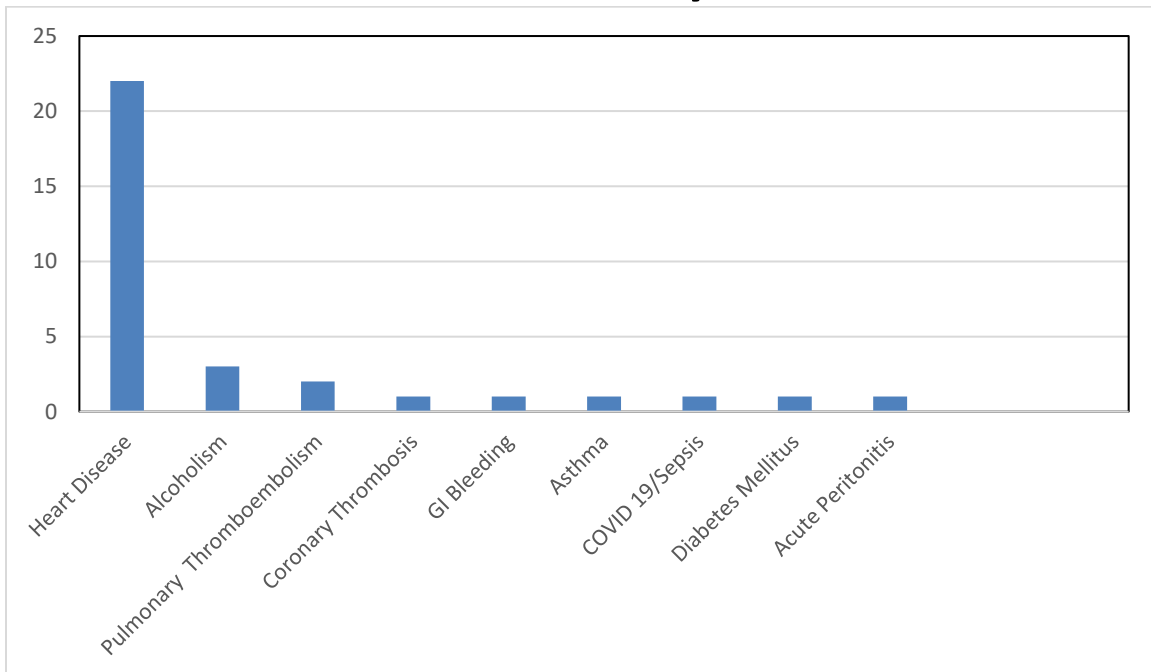
There were 33 total investigated natural deaths of which 23 were male and 10 female. The cause of death was as follows: Heart Disease (22), Alcoholism (3), Pulmonary Thromboembolism (2), Coronary Thrombosis (1), GI Bleeding (1), Asthma (1), COVID-19 (1), Diabetes Mellitus (1), and Acute Peritonitis (1).

Alcohol was present in 5 cases.

Drugs were present in 15 of the 33 cases including 6 cases with amphetamine, 3 cases with methamphetamine, 2 cases with fentanyl (presumed not related to cause of death), 1 case with hydrocodone, 1 case with morphine, one case with oxycodone & oxymorphone and 8 cases with marijuana. Other cases included naloxone (antidote to opiates), benzodiazepines, buprenorphine, tricyclic antidepressant and other prescribed medications.

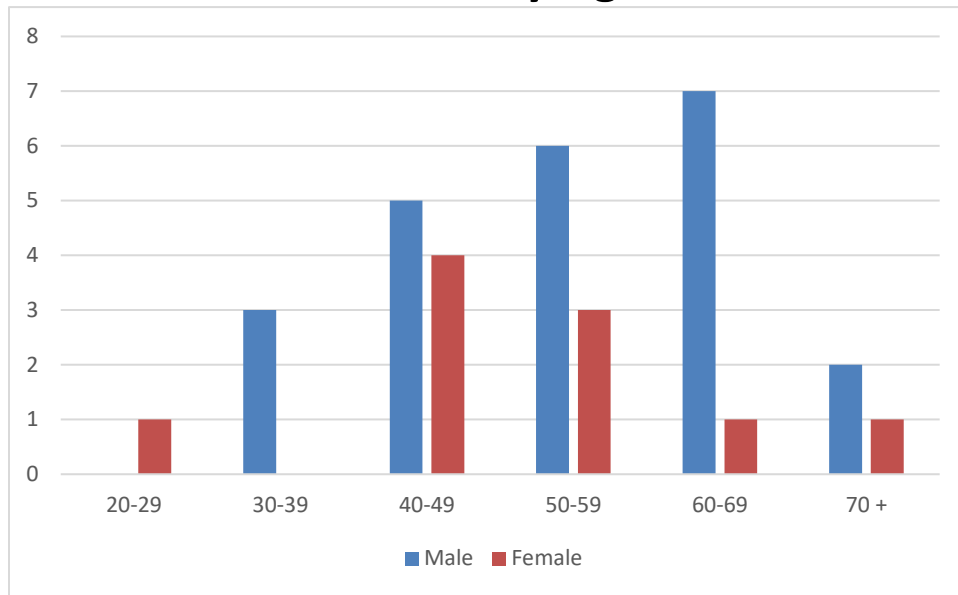
Grouped by age, 1 decedent was between 20-29, 3 were between 30-39, 9 were between 40-49, 9 were between 50-59 and 8 were between 60-69 and 3 are 70 years of age or older.

### Natural Deaths by Cause





## Natural Deaths by Age and Sex



## ACCIDENTAL

There were 88 total investigated accidental deaths of which 67 were male and 21 were female. The cause of death was as follows: Drugs (50), Traffic (18), Drowning (5), Fire (4), Alcohol Toxicity (3), Carbon Monoxide Toxicity (2), Exposure (1), Industrial accident (1), Accidental hanging (1), Mechanical Asphyxia (1), Agonal Exsanguination (1) and Crushed Cranial Trauma (1).

Grouped by age, 1 decedent was under 1 year old, 1 was between 2-9, 2 were between 10-19, 16 were between 20-29, 22 were between 30-39, 16 were between 40-49, 21 were between 50-59, 6 were between 60-69 and 3 over 70 years of age.

Alcohol was present in 26 of the 88 accidental deaths.

In the 18 **traffic** deaths (includes 4 pedestrian/motor vehicle, 2 bicyclist/motor vehicle, 1 ATV, 3 motorcycle, 4 vehicle passengers and 4 drivers), alcohol was present in 7 cases with an average blood alcohol concentration of 0.16 gm%. Seatbelts were worn in 3, not worn in 3, and unknown in another 2 of the automobile deaths. A helmet was worn in 2 of the 3 motorcycle

deaths with excessive speed being a factor in all. In the traffic deaths, 6 showed methamphetamine/amphetamine and 5 showed marijuana. Other cases showed fentanyl, cocaine, hydromorphone and Mitragynine (Kratom).

In the 50 **drug overdose** deaths 13 showed alcohol. Fentanyl was present in 29 cases, 8 cases showed heroin with an additional 3 cases showing morphine and codeine (assumed to represent use of heroin), unspecified opiates were present in 2 cases, other drugs seen include hydrocodone, hydromorphone, dihydrocodeine/hydrocodol, and oxycodone. Methadone showed up in two cases. Methamphetamine/amphetamine was present in 30 cases. Cocaine and or benzoylecgonine (a byproduct of cocaine) showed in 4 cases. Mitragynine (Kratom) was present in 3 cases. Naloxone was present in 11 cases. Other drugs seen were 6 Beta-Naltrexol, 7-aminoclonazepam, diazepam, midazolam, cyclobenzaprine, diphenhydramine, duloxetine, ephedrine, EDDP, etizolam, sertraline, phenylpropanolamine and tramadol. Cannabinoids (marijuana) showed up in 7 cases. More than one drug may be associated with a case.

Of the five **drownings** two showed alcohol (level of 0.26 gm% and 0.22 gm%), 3 showed THC (marijuana), other drugs seen were buprenorphine, methamphetamine, amphetamine, tramadol, and oxycodone.

Of the four **residential fire** deaths one showed alcohol (0.31 gm%) three cases showed methamphetamine/amphetamine present. Other drugs identified include buprenorphine, benzodiazepine and THC (marijuana).

**Alcohol toxicity** deaths showed 0.2 gm%, 0.5 gm% and in one case no alcohol was detected (detox).

Both **carbon monoxide** toxicity deaths had no alcohol or drug usage detected.

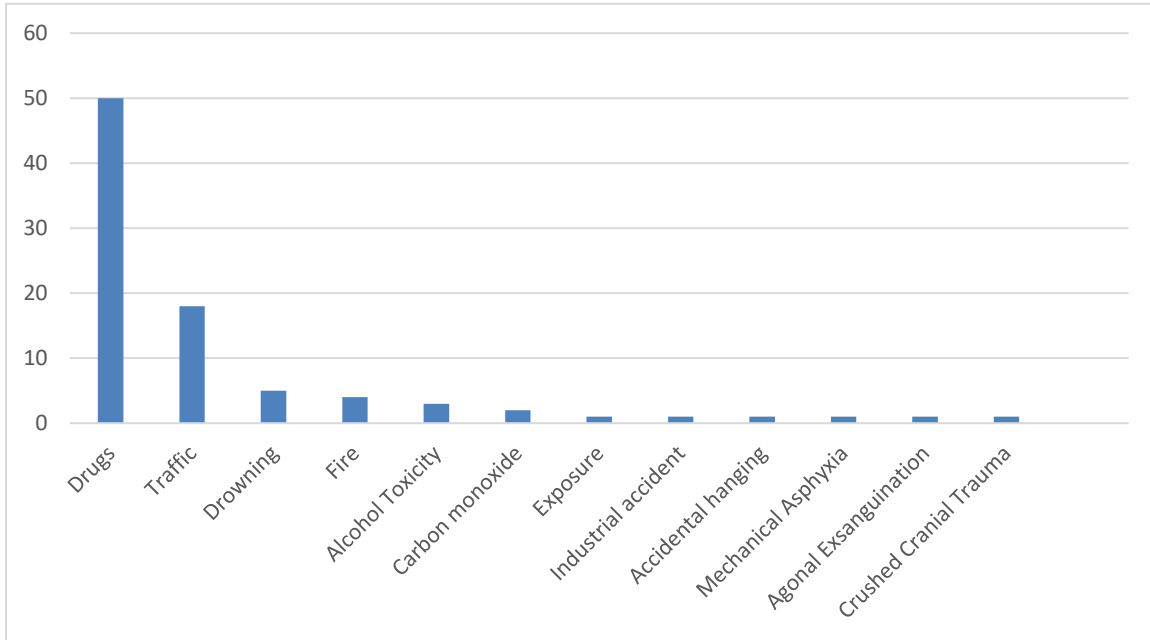
The **environmental exposure** death was negative for alcohol and drugs.

The jobsite **industrial accident**, the **accidental hanging** and the mechanical **asphyxia** victims were all negative for alcohol and drug usage.

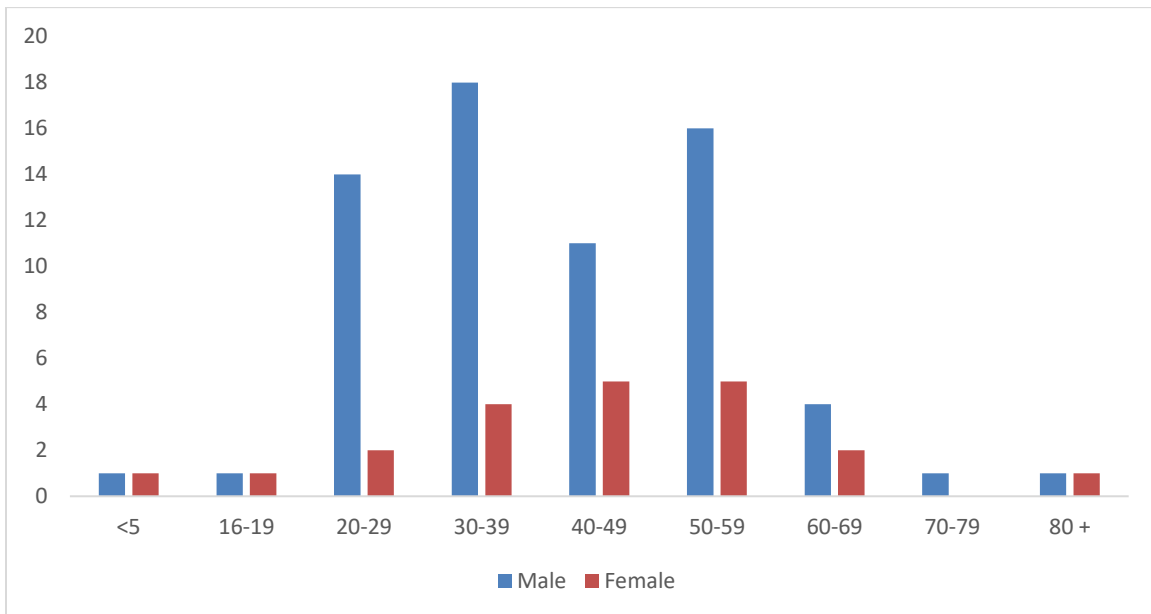
The agonal **exsanguination** death had 0.33 gm% alcohol and THC (marijuana) present.

The **crushed cranial trauma** death was negative for alcohol, but showed lamotrigine.

## Accidental Deaths



## Accidental Deaths by Age and Sex



## SUICIDE

There were 37 total investigated suicide deaths of which 27 were male and 10 female. The cause of death was as follows: Gunshot (13), Hangings (10), Asphyxia-other than hanging (3), Drug overdose (3), Drowning (2) Self-incised sharp force trauma (2), Pedestrian/train (2) and Poison (2).

By age, 11 decedents were between 20-29, 5 were between 30-39, 5 were between 40-49, 5 were between 50-59, 5 were between 60-69, and 6 were between 70-79.

Alcohol was present in 11 of 37 suicide deaths with an average blood alcohol reading of 0.15 gm%. Marijuana was also found in 10 of our suicide cases.

In the drug overdose deaths, we found acetaminophen, hydrocodone, hydromorphone, Quetiapine, 7-Amino clonazepam, midazolam, diazepam, unspecified benzodiazepine, citalopram, norfluoxetine, oxycodone, and THC (marijuana) present.

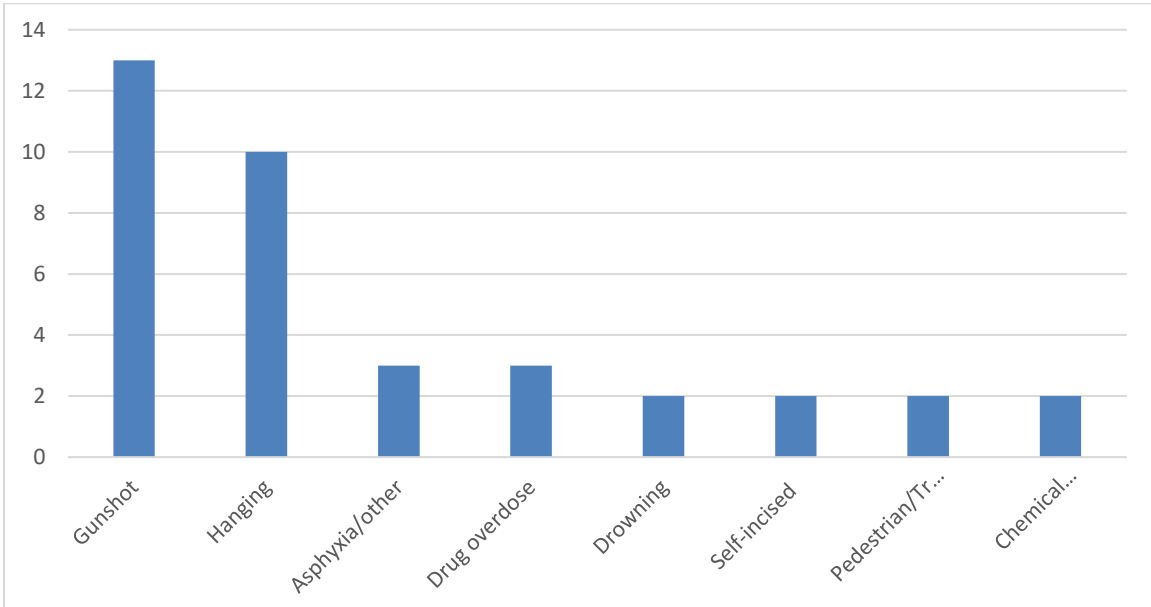
In the 13 gunshot suicides, handguns were used 9 times (7 semiauto and 2 revolver), rifle 3 times and 1 used a shotgun. Alcohol was present in 6 of the gunshot victims with an average reading of 0.21 gm%. Drugs were present in 5 cases. Three cases showed only THC (marijuana), one showed citalopram, and the other had amphetamine and alprazolam present.

Three of the ten ligature hangings showed alcohol readings with an average of 0.14 gm%. Drugs were present in three cases (methamphetamine/amphetamine, THC).

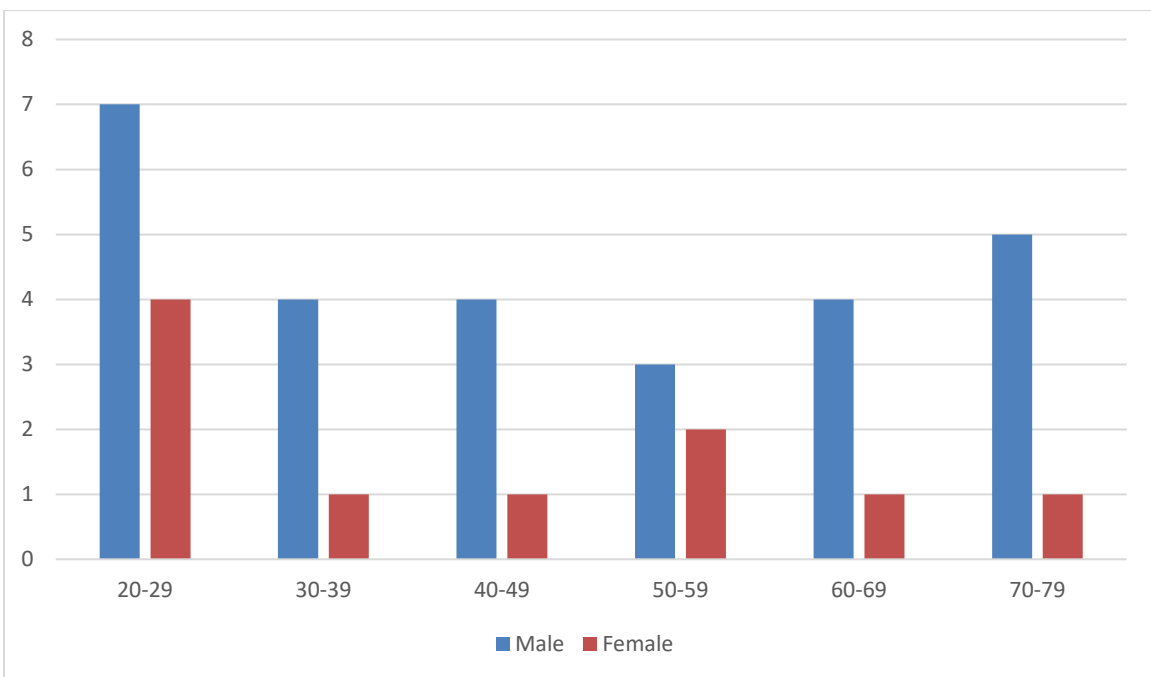
Of the 37 suicide cases ideation was present in 35% (13), not present in 27% (10), and unknown or indeterminate in 38% (14). A suicide note was left in 32% (12), and either there was no note or unknown in 68% (25) of our cases. There was a documented history of prior attempt in 6 cases, 14 had no prior known attempt and in 17 cases it is unknown.

More than one stressor may be identified in suicide cases. Clinically depressed or despondent/depressed were listed in 10 of our cases, failing health was listed for 9 cases, 7 had substance abuse problems, 7 had history of alcohol abuse, 4 dealing with schizophrenia, 3 had legal problems, 3 cases had financial worries, unspecified mental illness was associated with 2 cases, aging was noted in 2 cases as was family problems in 2 other cases. Other triggers mentioned were relationship problems, Covid induced psychosis, unspecified anxiety and in 5 cases stressors were unknown.

## Suicide Deaths by Mechanism of Injury



## Suicide Deaths by Age and Sex



## HOMICIDE

There were three homicide cases, one female and two male victims. Two had gunshot wounds to the chest and one had multiple gunshot wounds to chest and abdomen. One was related to the assailant. On the other two cases, is believed one knew the assailant and unclear if the victim knew the assailant on the third case.

None of the victims had alcohol in their system. One of the victims was positive for methamphetamine/amphetamine.

Grouped by age, 1 was between the age of 20-29 and 2 were between the age of 60-69.

## UNDETERMINED

There were seven investigated deaths whose manner of death was listed as undetermined, three male, three female and one gender unknown. We had three deaths where age was undetermined one female skull, one male whose bones were found, one unknown gender human foot. There was one unexplained sudden infant death (SUIDI) classified as undetermined by convention. One death was a delayed trauma suspected oral overdose of acetaminophen but it was not clear if accidental or intentional thus classified as undetermined. Another case of polysubstance overdose/toxicity had unclear intent and question of whether drugs were self-administered or given as potential poisons. In one case, the decedent entered the roadway in an unsafe manner in daylight hours during inclement weather and was struck by a vehicle, and it was not clear if accidental vs intentional self infliction of harm.

Grouped by age, of the 4 decedents whose age was known and cause of death undetermined, 1 was less than a year old, 1 between 30-37, 1 between 70-79 and 1 between 80-89 years of age.

## MEDICAL EXAMINER RESPONSIBILITIES

Adapted from the Medical Examiner Contract for Services Agreement with Whatcom County, and King County Medical Examiner's Office Annual Report.

The Medical Examiner (ME) is a physician certified in anatomic pathology who is authorized to investigate sudden, unexpected, violent, suspicious, or unnatural deaths. The office and function of the ME is established by the Revised Code of Washington (RCW) 68.50. There are several reasons why a ME is to be utilized in the determination of the cause and manner of death. They include: (1) murder shall be determined and recognized; (2) the innocent shall be exonerated; (3) criminal and civil court proceedings will be provided with documented and impartial medical advice; (4) unrecognized hazards to public health shall be revealed; and (5) industrial and/or workplace hazards shall be made known to the public.

In order to reach and provide these services, the ME by statute assumes jurisdiction over human remains in these cases. The ME, after a thorough investigation, is to determine the cause and manner of death. The postmortem examination on each decedent includes the preservation of various body fluids and tissues for microscopic and toxicologic analysis. Photographs are taken of the external and internal portions of the examination, which are available for review at a later date if needed. Photographic documentation is also an essential item in those cases where the pathologist must provide court testimony.

The ME is available personally or will provide any coverage for 24 hours per day, 365 days per year. They shall perform the following functions and have the following authority:

1. Arrange the transportation of bodies.
2. Investigate all deaths as previously described in this paragraph.
3. Be available to law-enforcement and in turn have access to law-enforcement expertise, experience and personnel and assistance.
4. Create and file such medical records as are needed or required by statute and good medical procedure.
5. Extend and receive the full cooperation from all levels of county government appropriate to the investigation of death as determined by the ME.
6. Authority and duty to serve as a representative, if desired, to the trauma quality assurance committee of St. Joseph Hospital.
7. Teach paramedics and emergency technicians, police and fire department trainees regarding any techniques and or requirements of death investigations.

8. Liaison and work with the County Health Department regarding issues of public health, infectious diseases, toxins and poisons.
9. Be a representative, if desired, on the Whatcom County Disaster Management Committee.
10. Courtroom testimony and consultation services for the prosecuting attorney, public defender, and law-enforcement agencies on autopsies, interpretation of injuries on both living and deceased, toxicology testing and interpretation (including legal ethanol analyses).
11. Maintain and oversee the personnel, equipment, supplies, etc. to perform the duties of the Medical Examiner Office.
12. Obtain and oversee substitute professional coverage when the ME is unavailable for any reason. Any such coverage shall be consistent with this contract and the standards of the College of American Pathology for autopsies.
13. Administration of indigent cremation burial program on behalf of Whatcom County.
14. Create and maintain all documents, reports, and evidence necessary to perform the function of the Medical Examiner Office in accordance with relevant legal and professional standards.
15. Maintain current certification, stature, and licensure to perform the duties of Medical Examiner.
16. Maintain and oversee the morgue facility.
17. Makes recommendations as necessary as a member of the Child Death Review Committee along with DSHS, Health Department, schools, courts, Prosecutor, Sheriff, and Police Department.

In all cases investigated by the Medical Examiner, it is essential that the decedent's identity is established and the next-of-kin is located and notified regarding the death. Notification of next-of-kin is the responsibility of law-enforcement. The ME shall not have authority or responsibility over the personal effects of the deceased or the responsibility or authority of notifying the next-of-kin to the deceased. These functions shall remain with the appropriate police and/or law-enforcement agency. The ME shall not have authority or responsibility for making probate arrangements of the deceased.



## MEDICAL EXAMINER OFFICE PATHOLOGISTS

**Gary Goldfogel, MD**, Whatcom County (Washington) Medical Examiner: 1/1/1990 (officially) to 12/31/2021. Deputy ME/Coroner 7/1/1988-12/31/1989.

### *Education*

- Lewis and Clark College, Portland, Oregon. BS in Biology with Minor in Chemistry. Magna Cum Laude, 1980.
- Emory University School of Medicine, Atlanta, Georgia. M.D., 1984

### *Postgraduate Training*

- University of Washington Affiliated Hospitals, Seattle Washington.
- Internship and Residency in Anatomic and Clinical Pathology, 1984 to 1988.
- Providence Medical Center, Seattle, Washington. Fellowship in Clinical Pathology/Laboratory Administration, 1987 to 1988.
- US Army War College, National Security Seminar, 1998
- Advanced Forensics Practicum, FBI/AFIP, Quantico, VA 2000

### *Qualifications*

- Washington State Physician and Surgeon License, 1984—present
- American Board of Pathology: Anatomical Pathology (AP) 1988, Clinical Pathology/Laboratory Medicine (CP) 1988, Forensic Pathology (FP) 2001

### *Academic Appointments*

- Western Washington University, Adjunct Professor, College of Humanities and Social Sciences, 2005 to present.
- Western Washington University, Guest Instructor, Colleges of Business and Economics, Science and Technology, Huxley College of the Environment, and Fairhaven College, 1988 to present.
- University of Washington, Assistant Clinical Professor of Pathology, 1988 to present.
- University of Washington, Assistant Clinical Professor of Laboratory Medicine, 1988 to present.
- University of Washington, Assistant Clinical Professor of Medical Education, School of Public Health and Community Medicine, 1988 to present.
- Recipient of Excellence in Teaching Award, Medex NW 2008, 2010, 2015, 2016. University of Washington.

### *Teaching Responsibilities*

- Course Director/Instructor, Health Care for the 21<sup>st</sup> Century HLED 297, Western Washington University, 2007 to 2010.
- Course Co-Director/Instructor, Systemic Pathology H5452 to Physician Assistants, University of Washington Medex Program, 1984 to 2000. Consultant and Guest Lecturer to course 2000 to present.
- Annual Guest Lecturer, Western Washington University, 1989 to present; Fairhaven College 1989 to present: Departments of Biology, Anthropology, Environmental Science, Adult Education, Business, Humanities.
- Annual Guest Lecturer, Bellingham High School, Sehome High School, Squalicum High School, Forensics Course, 2007-present.
- Instructor, Human Biology 520, University of Washington School of Medicine, 1984 to 1994.
- Instructor, Respiratory Pathology, University of Washington School of Medicine, 1984 to 1988.
- Instructor, Cardiovascular Pathology, University of Washington School of Medicine, 1984 to 1988.
- Instructor, Cancer - Rehab 320, University of Washington Schools of Nursing, Rehabilitation, and Physical Therapy, 1985 to 1988.
- Instructor, National Annual Physician Assistant Recertification course, 1989 to 2017.
- Multiple Community Lectures, Seminars on topics including drug testing, strangulation, AIDS, SIDS, Bioterrorism, Community Emergency Management, Crime Scene Investigation, Strangulation, Death Investigation. Gun Control Violence. 1999-present.

### *Professional Experience*

- Locum tenens: Dr. Robert Gibb, Whatcom Pathology Laboratory, Bellingham, Washington 1987 to 1988.
- Associate Director of Whatcom Pathology Laboratory, Bellingham, Washington, July 1, 1988 to December 31, 1988.
- Acting Associate Medical Examiner 1988-1992
- Medical Director, Whatcom Pathology Laboratory, Bellingham, Washington, January 1, 1989 to 1993.
- Pathologist and Medical Director, Whatcom Pathology Laboratory division of National Health Laboratories, Inc., 1993 to 1996.
- Whatcom County Medical Examiner, July 1, 1992 to present.
- Locum tenens: Saint Joseph Hospital; Department of Pathology, Bellingham, Washington, 1998-present. Member of Department 1988-present.
- Medical Staff Appointment: Active I Category; Saint Joseph Hospital, Bellingham, Washington 1988-present. Member of multiple hospital committees 1988-present.

### *Professional Affiliations*

- National Association of Medical Examiners.
- Washington Association of Coroners and Medical Examiners
- Pacific Northwest Forensic Society.
- American Academy of Forensic Sciences.
- Washington State Society of Pathologists.
- Pacific Northwest Society of Pathologists.
- American Society of Clinical Pathology.
- College of American Pathologists.
- Hogan Western Eye Pathology Study Group.
- American Medical Association.
- Whatcom County Medical Society.
- Washington State Medical Association.

### *Community and Professional Board Positions*

- **Northwest Washington (Blue Shield) Medical Bureau:** Physician Liaison, 1989 to 1991, Board of Trustees, 1996 to 1998. Advisory Board of Trustees 1998-1999.
- **Regence Blue Shield Insurance Company:** Advisory Board, 2000 to 2006.
- **Whatcom County Medical Society:** Board of Trustees, 1988 to 2005, 2007 to present. Executive Committee 1993 to 2005. Secretary 1993, 2001; President Elect 1994, 2002; President 1995, 2003. State Representative Trustee 1996-2001, Legislative Chairman, 1990 to 2005.
- **Washington State Medical Association:** 2nd Vice President 1997-1998, Vice president 1998-1999. Executive Committee, 1997 to 1999. Interspeciality Council Representative, 1992 to 2000, Interspecialty Co-Chairman 1997-1999. Unified Counties Task Force, 1991-1993. MD/DO Task Force, 1992 to 1993. Nominating Committee, 1993-1995.
- **United Way** of Whatcom County: 1990 to 1996.
- **Mt. Baker Theater:** Board of Directors, 1990 to 1996.
- **Bellingham Rotary:** Member 1989 to present. Chairman of Social Committee, 1989-1992, 1998-2000, 2007. Board of Trustees, 1992 to 1994. Program Chair and Vice President 2018-2019. President 2020-2021.
- **Chamber of Commerce and Industry:** Bellingham/Whatcom County. Board of Governors, 1993 to 1994.
- **Gang Nail Truss Co.:** Chairman of Board of Directors, 1996 to 1999.
- **Bellingham City Council:** Political Candidate 1997, lost in final election.
- **Saturna Investment:** Sextant Mutual Funds Board of Directors, 1995 to present. Chairman of Board of Directors 2017-present.

- **Boy Scouts of America:** Mt. Baker Council Executive Board of Directors 1999 to 2006, Chairman Health and Safety, 1999-2001, Vice President for Properties 2001 to 2006. Attended Camp Philmont Health Safety/Risk Management Seminar 2001.
- **Northwest Business Club:** President 2000 to present.

*Professional Presentations and Abstracts*

- "Contraception and Abortion in Post-Revolution Portugal. Compilation of Six Month Field Study." Lewis and Clark College, Portland, Oregon, three sessions, 1979 to 1980.
- "Hydrogel Contact Lenses and Permeability." Emory University Medical Student Research Day, Atlanta, Georgia, 1981.
- "Immunocytochemical Identification of Vulvar Melanoma and Distinction from Vulvar Paget's Disease." International Society of Gynecologic Oncologists Annual Meeting, Palm Springs, California, February 4, 1986.
- "Prostatic Carcinoma Metastatic to the Orbit." Conjoint Canadian Ocular Pathology Study Group and Hogan Eye Pathology Society Annual Meeting, Vancouver, British Columbia, June 21, 1986.
- "Radiologic Contrast Agents and Results of Laboratory Tests." Laboratory Medicine Grand Rounds, University of Washington, October 22, 1986.
- "Retrospective Diagnosis of a Second Malignancy Following Histologic Examination of the Eye." Hogan Eye Pathology Society Annual Meeting, San Francisco, California, December 13, 1986.
- "Postmortem Vitreous Humor Determination of Alpha-1-Acid-Glycoprotein." American College of Laboratory Physicians and Scientists Annual Meeting, Philadelphia, Pennsylvania, June 6, 1987. Recipient of Young Investigator Award.
- "Malignant Lymphoma of the Conjunctiva with Immunophenotypic and Immunogenotypic Analysis." Updates in Technology. Hogan Eye Pathology Annual Meeting, Seattle, Washington, October 18, 1987.
- "CK-MB Determination in the Diagnosis of Acute Myocardial Infarction." American College of Laboratory Physicians and Scientists Annual Meeting, Cincinnati, Ohio, June, 1988.
- "Recognizing Infectious Endocarditis." Washington Association of Physician Assistants Annual Fall Continuing Medical Education Meeting, Orcas Island, Washington, October 15, 1988.
- "Clinical Chemistry - Updates in Technology." Washington Association of Physician Assistants Continuing Medical Education Meetings, Seattle, Washington, 1989 - 1997.
- "Anemia." Washington Association of Physician Assistants Continuing Medical Education Meetings, Seattle Washington, 1989 to present.
- "Acquired Immune Deficiency Syndrome." Whatcom County Medical Managers, Bellingham, Washington, March 15, 1989, 1990, 1992-1996.

- "Drug Testing -The Issues." STAR (Straight Talk About Responsibility) Annual Conference, Bellingham, Washington, March 17, 1989, 1993.

#### *Publications and Research*

- Goldfogel, G.A., Sewell, D.L.: Preparation of sputum smears for acid-fast microscopy. *Journal of Clinical Microbiology*. 1981; 14:460 -462.
- Teefey, S., Montana, M.R., Goldfogel, G.A., Shuman, W.P.: Ultrasonic diagnosis of neutropenic colitis. *American Journal of Radiology*. 1987; 149:731-733.
- Abdel-Nabi, H., Schwartz, A.N., Goldfogel, G.A., Ortinati-Nabi, J.A., Matsuka, D.M., Unger, M.W., Wechter, D.: External scintigraphy of colorectal tumors with IN- 111-anti CEA monoclonal antibody: Correlation with surgical, histopathological and immunohistochemical findings. *Radiology*. 1988; 166:747 -752.
- Bacchi, C.E., Goldfogel, G.A., Greer, B.: Paget's disease and melanoma of the vulva. *Gynecologic Oncology*. 1992; 46:216-221.
- Gibb, R.P., Cockerham, H., Goldfogel, G.A., Yawson, G.M., Raisys, V.A.: Substance abuse testing of urine by GC/MS in scanning mode evaluated by proficiency studies, TLC/GC and EMIT. *Journal of Forensic Sciences*. 1993; 38:124 - 133.
- Logan B, Goldfogel G, Hamilton R, Kuhlman J. J . Five Deaths Resulting from Abuse of Dextromethorphan Sold Over the Internet. *Anal Tox* 33; 227-231:2009.
- Logan, K, Yeakel, JK, Goldfogel, G, Frost, P., Sandstrom, AA, Wickham, DJ: Dextromethorphan Abuse Leading to Assault, Suicide, or Homicide. *Journal of Forensic Sciences*. 2012: 1388-1394.

**Jan C. Garavaglia, MD;** Whatcom County Forensic Pathologist, January 2016—present

*Education and Training:*

- **College:** St. Louis University, St. Louis, Missouri; A.B., magna cum laude, 1978
- **Medical School:** St. Louis University School of Medicine, St. Louis, Missouri; M.D., 1982
- **Internship:** Internal Medicine, St. Louis University Hospitals June 1982 – June 1983
- **Residency:** Anatomic/Clinical Pathology, St. Louis University Hospital; July 1983 – June 1987
- **Fellowship:** Forensic Pathology, Dade County Medical Examiner's Office, Miami, Florida; July 1987 – June 1988

*Certification*

- Diplomate, American Board of Pathology in Combined Anatomic and Clinical Pathology; November 1988
- Diplomate, American Board of Pathology in Forensic Pathology; September 1989

*Professional Affiliations*

- American Society of Clinical Pathologists; 1984 – 1989
- Fellow, National Association of Medical Examiners
- Fellow, American Academy of Forensic Sciences
- National Association of Medical Examiners Foundation

*Community and Professional Board Positions*

- National Association of Medical Examiners Foundation; Board of Trustees; 2014 – present
- National Association of Medical Examiners; Elected to Board of Directors; 2004 – 2010
- Central Florida Disaster Medical Coalition, Inc.; Board of Directors; April 2014 – June 2015
- Advisory Board; TransLife Organ, Tissue and Transplant Services; Medical Examiner representative 2004-2015
- Harbor House of Central Florida Board of Advisors 2004-2015

*Awards*

- Orange County Commissioner's recognition award and proclamation of "Dr. G Day", June 3, 2015" for service to the county
- Translife, Central Florida Tissue and Organ Procurement Organization, award for work in encouraging tissue and organ transplantation, June 2015
- St. Cloud Police Department, Osceola County Florida Recognition Award for service to the department, 2014

- Distinguished Humanitarian Award, presented by the Liberty Science Center, Jersey City, New Jersey, November 5th 2012
- Orlando Police Department, Good Citizens Award for service to the department, presented by Police Chief Val Demmings, 2010
- Sheriff's Citation Medal presented January 17, 2006, by Orange County Sheriff Kevin Beary "in recognition of outstanding service to the Sheriff's Office and the citizens of Orange County."
- Hidalgo Award presented on November 14, 2000, by Bexar
- County Commissioners Court for "Outstanding work assisting agencies and providing forensic science services during a multi-jurisdictional capital murder investigation."

*Media:*

- Host of the "Dr. G Medical Examiner Series" - Discovery Health Network, 2003 – 2012
- Winner of the International Health and Medical Media Award for Best Health Series, "Freddie Award," 2008

*Guest Appearances:*

- CNN, Don Lemon Show, 2016
- CNN, Legal View with Ashleigh Banfield,
- Several appearances, 2014, 2015, 2016
- Anderson Live, with Anderson Cooper, v appearances in 2012
- Dr. David Drew Pinsky, television show, multiple appearances in 2012
- Today Show, December 2011
- Dr. Oz television show; 6 appearances, 2009-2011
- Rachel Ray television talk show, January and April 2009
- Good Morning America, December 2008
- Larry King Live, December 2005
- Oprah Winfrey Show and Oxygen Network, "After the Show," October 2003
- Featured in article – "Florida Trend" magazine, "Icon" famous Floridian series, 2010
- Subject of "Mayor's Author Talk" for Tampa, Florida television show, 2009
- Subject of Documentary for French Television, 2002
- Featured in article – "Redbook" magazine, 1997

*Publications*

- Yu L, Garavaglia J, Wallace MR. "Infectious Causes of Death in the Medical Examiner's Office." American Journal of Forensic Medicine and Pathology, March 2016; Vol 36: 36-38
- Wallace MR, Garavaglia JC, Kaplan EL. "Prosector's Streptococcal Pharyngitis." Infect Dis Clin Pract, 2012; 20: 349-50.

- Stephany JD, Garavaglia JC, Pearl GS. "Sudden Death in a 27-Year-Old Man with Chiari Malformation." *American Journal of Forensic Medicine and Pathology*, September 2008; 29(30): 249-50.
- Stewart, RM, Myers JG, Dent DL, Ermis P, Gary GA, Villarreal R, Blow O, Woods B, McFarland M, Garavaglia JC, Root HO, Pruitt, BA. "Seven Hundred Fifty-three Consecutive Deaths in a Level I Trauma Center. The Argument for Injury Prevention." *Journal of Trauma*, 2003 Jan; 59(1) 66-70
- Kunsman GW, Kunsman CM, Presses CL, Garavaglia JC, Farley NJ. "Mixed Drug Intoxication Involving Venlafaxine and Verapamil." *Journal of Forensic Sciences*, July 2000; 45(4): 926-928.
- Garavaglia JC. "Weapon Location following Suicidal Gunshot Wounds." *The American Journal of Forensic Medicine and Pathology*, March 1999; 20(1): 105.
- Book Review: *Death Investigator's Handbook: A Field Guide to Crime Scene Processing, Forensic Evaluations, and Investigative Technique*. By Louis Eliopolus. *The American Journal of Forensic Medicine and Pathology*, Sept. 1995; 16(3): 263-264.
- Garavaglia JC, Gnepp D. "Intramuscular (infiltrating) Lipoma of the Tongue." *Oral Surgery, Oral Medicine, Oral Pathology*, March 1987; 63: 348-350.
- *How Not to Die: Surprising Lessons in Living Longer, Safer and Healthier*, Jan Garavaglia, M.D.; Crown Publishers, 2008.



**Dennis James Wickham, M.D.;** Whatcom County Forensic Pathologist, November 2019-present

*Education and Training:*

- **College:** Pacific University, Forest Grove, Oregon, September 1972-May 1974
- Linfield College, McMinnville, Oregon, September 1974-December 1975, Degree: Bachelor of Arts 1976
- **Medical School:** University of Oregon Health Sciences, School of Medicine, Portland, Oregon, September 1976-June 1981 Degree: Doctor of Medicine June 12, 1981
- **Student Fellowship:** University of Oregon Health Sciences, School of Medicine, Department of Pathology, Student Fellowship in Pathology, June 1978-June 1981
- **Internship:** Blodgett Memorial Medical Center, Grand Rapids, Michigan, Flexible Internship, July 1981-June 1982
- **Residency:** University of Colorado Health Sciences Center, Denver Colorado, Anatomic & Clinical Pathology, July 1982-June 1986  
Dade County Medical Examiner Department and University of Miami School of Medicine, Miami, Florida, Forensic Pathology, July 1986-June 1987

*Awards*

- Alma B. Sneed Award for Excellence in Pathology, Department of Pathology, University of Oregon, Health Science Center, June 1981

*Appointments*

- Associate Medical Examiner, Dade County Medical Examiner Department, Miami, Florida, June 1986-June 1987
- Associate Medical Examiner, Brevard County Medical Examiner's Office, Rockledge, Florida, August 1987-December 1988
- Staff Pathologist, March 1988-Jan 1989, Consulting Medical Staff, January 1989-October 1993, Holmes Regional Medical Center, Melbourne, Florida
- Interim Medical Examiner, Brevard County Medical Examiner's Office, Rockledge, Florida December 1988-February 1989
- District Medical Examiner, Brevard County Medical Examiner's Office, Rockledge, Florida, February 1989-November 1996
- Medical Examiner, Clark County Medical Examiner's Office, Vancouver, Washington, January 1997-January 2019
- Sudden Infant Death Syndrome Advisory Council, State of Florida, October 1993-July 1995
- Florida Statewide Organ and Tissue Procurement and Transplantation Advisory Board, December 1995-November 1996
- Forensic Investigation Council, State of Washington, August 1999-January 2019

### *Licensures*

- Washington

### *Certification*

- National Board of Medical Examiners, 1982
- American Board of Pathology, Anatomic and Clinical Pathology, May 1986
- American Board of Pathology, Forensic Pathology, May 1987

### *Professional Affiliations*

- American Academy of Forensic Sciences
- American Society of Clinical Pathologist
- Florida Association of Medical Examiners (through 11/96)  
Secretary, April 1992-November 1996
- National Association of Medical Examiners

### *Bibliography*

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- Moszcynska, A., Fitzmaurice, P., Ang L., Kalasinsky, K., Schmunk, G.A., Peretti, F., Aiken, S., Wickham, D., Sherwin, A., Nobrega, J., Forman, H., Kish, S.: Why is Parkinsonism not a Feature of Human Methamphetamine Users? Brain 2004 Feb; 127(Pt 2):363-70. Epub 2003 Nov 25.
- Mirecki, A., Fitzmaurice, P., Ang, L., Kalasinsky, K.S., Peretti, F.J., Aiken, S.S., Wickham, D.J., Sherwin, A., Nobrega, J.N., Forman, H.J., Kish, S.J.: Brain Antioxidant Systems in Human Methamphetamine Users. J Neurochem 01-Jun-2004, 89(6): 1396-408
- Siegal, D., Erickson, J., Varoqui, H., Ang, L., Kalasinsky, K., Schmunk, G.A., Peretti, F.J., Aiken, S.S., Wickham, D.J., Kish, S.: Brain vesicular acetylcholine transporter in human users of drugs of abuse. Synapse – 15-Jun 2004, 52(4): 223-32