

Pacific Northwest International Section

# PNWIS HISTORY AND AWARDS PROGRAM HISTORY

## PNWIS HISTORY AND AWARDS PROGRAM

Welcome to the 59<sup>th</sup> annual meeting of the Pacific Northwest International Section (PNWIS) of the Air and Waste Management Association (A&WMA).

PNWIS, a professional organization, has a membership of technical and professional people from industry, academia, government, manufacturers, consulting and testing firms, and the public sector. The Awards Program attempts to acknowledge those who have made a significant contribution in the area of air and waste management. You, the members of PNWIS, make this Awards Program effective by submitting your nominations and suggestions to the Awards Committee. Your participation is appreciated.

The Awards Committee is continuing to update records of all previous recipients of PNWIS awards. Your assistance at filling in the blanks would be greatly appreciated. If you have any of the missing historical information please email Roylene Cunningham at <a href="mailto:cunningham.roylene@epa.gov">cunningham.roylene@epa.gov</a> or Laurel Peterson at <a href="mailto:lpeterson@slrconsulting.com">lpeterson@slrconsulting.com</a>.

PNWIS was chartered by A&WMA on March 19, 1962 and included Oregon, Washington, Idaho, Montana, and British Columbia. Prior to 1962 the four states were part of the West Coast Section for a number of years. Alaska and Alberta were invited to attend the PNWIS annual meeting in November of 1969. In 1970 they joined PNWIS. Saskatchewan and Manitoba were admitted to PNWIS in the 1976-77 year. In 1985-86 the Canadian Prairie and Northern Section of A&WMA was formed and Alberta, Saskatchewan, Manitoba, and the Northern Territory joined CPANS. The Yukon Territory came to PNWIS when CPANS was formed.

## **Location of Past PNWIS-A&WMA Annual Conferences**

-				
<u>Year</u>	<u>Location</u>	General Chair	Technical Chair	<u>Dates</u>
2019	Butte, MT	Kumar Ganesan		Oct. 23-25
2018	Nanaimo, BC	Mark Milner Rob Dalyrmple	Matt Dodd, Marco Wong	Nov. 6-9
2017	Boise, ID	Steve Cory	Troy Riecke, Mike Wirtz, Rick McCormick	Nov. 1-3
2016	Juneau, AK	Ann Danielson	Jennifer Richcreek, Catie Coursen, Ann Mason, Laura Noland, Amy Pelo	Oct 5-7 oza
2015	Stevenson, WA	Jeromy Adams	Dan Mahar & Steve Rybolt	Nov 3-6
2014	Spokane, WA	Beth Fifield Hodgson	April Westby & Dustin Wasley	Oct 27-29
2013	Victoria, BC	Chris Jenkins	Matt Dodd	Nov 5-8
2012	Portland, OR	Martha Moore Stacey Glenewinkel	Geoff Scott, Danielle Lenzini, & Brian Eagle	Nov 6-9
2011	Harrison Hot Springs, BC	Bob Smith Ken Stubbs	Julie Saxton, Greg Lipnickey, & Warren McCormick	Nov 8-11
2010	Missoula, MT	Tony Ward	Cal Loomis	Nov 2-5
2009	Cle Elum, WA	Steve Van Slyke	Maggie Corbin Roylene Cunningham	Nov 3-6
2008	Anchorage, AK	Al Trbovich	Denise Newbould	Sept. 23-26
2007	Boise, ID	Zach Klotovich	Joan Cloonan & Cheryl Robinson	Oct 16-19
2006	Victoria, BC	Mike Williams	Chris Robins	Nov 7-10
2005	Blaine, WA	Dan Mahar Ken Stubbs	Terry Nyman & Andrew Green	Nov 8-11
2004	Portland, OR	Scott Freeburn	Dave Einolf & Kathi Futornick	Nov 3-5
2003	Anchorage, AK	Denise Newbould Beverley Williams	Al Bohn Scott Rose	Sept. 24-26
2002	Tacoma, WA	Dave Dornbush Angela Hansen	Steve Van Slyke	Nov 6-8
2001	Big Sky, MT	Kumar Ganesan	Martha Moore & Kim Marcus	Dec 5-7
2000	Victoria, BC	Bert Zethof	Larisa Searle	Nov 8-10
1999	Pasco, WA	Beth Fifield	Kumar Ganesan & Kim Marcus	Nov 3-5
1998	Portland, OR	John Core John Cooper	Candee Hatch & Merlyn Hough	Nov 4-6 Nov 12-14

<u>Year</u> <u>Location</u> <u>General Chair</u> <u>Technical Chair</u> <u>D</u>	<u>ates</u>
1997 Vancouver, BC Kenneth Stubbs Evan Jones & Elia Sterling N	ov 11-13
1996 Seattle, WA Angela Blaisdell Melissa McAfee, Connie Cox, & Delissa McAfee, & Delissa McAfee	ec 11-13
Kris Hansen Armina Nolan	
1995 Spokane, WA Eric Skelton Kelle Vigeland, Donald Hurst, & N	ov 15-17
Michele Pope	
1994 Eugene, OR Don Arkell John Cooper N	ov 16-18
1993 Victoria, BC Rob Dalrymple Mike Williams N	ov 8-10
1992 Bellevue, WA Jim Nolan Naydene Maykut N	ov 11-13
1991 Kalispell, MT Harold Robbins Rod James D	ec 4-6
1990 Portland, OR John Core Wendy Sims N	ov 14-16
1989 Spokane, WA Douglas Pottratz Ronald Edgar N	ov 8-10
1988 Whistler, BC Paul Beauchemin Ken Stubbs N	ov 9-11
1987 Seattle, WA John Thielke Mike Ruby N	ov 8-10
•	ov 19-21
· · · · · · · · · · · · · · · · · · ·	ov 13-15
	ov 12-14
	ov 16-18
	ov 15-17
,	ov 2-4
, ,	ov 19-21
,	ov 7-9
, e e e e e e e e e e e e e e e e e e e	ov 8-10
· · · · · · · · · · · · · · · · · · ·	ov 14-16
	ept 15-17
<b>9</b> ,	ov 19-21
, , ,	ov 17-19
,	ov 28-30
, o	ov 15-17
· · · · · · · · · · · · · · · · · · ·	ov 21-23
5 <i>1</i> ,	ov 16-18
1 '	ov 23-25
, , , , , , , , , , , , , , , , , , ,	ov 21-22
,	ov 8-10
, ,	ov 2-4
,	ov 2-4
,	ov 5-6
	ov 7-8
,	ct 24-25
1961 Tacoma, WA** Robert Stockman Richard Hatchard & Vinton Bacon	5. Z i ZU

<sup>\*</sup> In cooperation with the Pacific Northwest Pollution Control Association. The PNWIS organizational meeting was held October 26, 1962 in conjunction with the Air Pollution Day Program.

PNWIS-A&WMA (1989-Present) PNWIS-APCA (prior to 1989)

<sup>\*\*</sup> Air Pollution Day Program sponsored by the West Coast Section of the Air Pollution Control Association (APCA). The petition for formation of PNWIS started at this meeting.

# **Acknowledgement of Past PNWIS-A&WMA Presidents**

2022-2023 2020-2022 2019-2020 2018-2019 2017-2018 2016-2017 2015-2016 2014-2015 2013-2014 2012-2013 2011-2012 2010-2011 2009-10 2008-09 2007-08 2006-07 2005-06 2004-05 2003-04 2002-03 2001-02 2000-01 1998-99 1997-98	Mark Milner Amy Peccia Rachel Buckbee Maggie Corbin John Haney Martha Moore Warren McCormick Steve Rybolt Steve Van Slyke Tony Ward Denise Newbould Al Trbovich Kathi Futornick Bob Humphries Dan Mahar Denise Newbould Dave Dornbush Kumar Ganesan Kim Marcus Melissa McAfee Terry Nyman Chris Robins Jim Pfeiffer Angela Hansen Graeme Bethell	1990-91 1989-90 1988-89 1987-88 1986-87 1985-86 1984-85 1983-84 1982-83 1981-82 1980-81 1979-80 1978-79 1977-78 1976-77 1975-76 1974-75 1973-74 1972-73 1971-72 1970-71 1969-70 1968* 1966	Douglas Pottratz Ken Stubbs George Hofer Don Arkell Naydene Maykut Peter Sagert John Thielke Andre Caron Elmer Berlie Hank Droege Bruce Snyder David Junge Janet Chalupnik Harold Burkitt Wallace Cory Michael Roach Oliver Morgan Donald Adams Harold Patterson R. F. Gitschlag Ron Gjerde Richard Boubel Peter Hildebrandt Robert Bucklin Richard Hatchard
	•		
1996-97	Scott Freeburn	1965	Richard Hatchard
1995-96	Rick Kester	1964	Robert Stockman
1994-95	Paul Beauchemin	1963	Robert Stockman
1993-94	Mary Jane McGarity	1962	Robert Stockman
1992-93	John Core		Richard Hatchard (co-chairs)
1991-92	Jay Willenberg		

Terms from 1962-1968 were calendar years and the designation was Chairman. Since 1968 the terms are May 1-April 30 and the designation is President.

# **Acknowledgement of A&WMA Presidents from PNWIS**

2020	Kim Marcus
2017	Scott Freeburn
2012	Merlyn Hough
1989-90	John Thielke
1982-83	Donald Adams
1978-79	Richard Boubel
1967-68	Robert Stockman

# ACKNOWLEDGEMENT OF PAST AWARDS PROGRAM RECIPIENTS

# **Robert Stockman Distinguished Achievement Award**

This award is presented annually in recognition of an outstanding contribution to air quality management in the PNWIS region and for a long-standing contribution to PNWIS. The award is presented in the name of Robert Stockman, one of the leading air pollution control pioneers in the Pacific Northwest.

- 2019 Jessica Stark, SLR International
- 2018 Warren McCormick, Ministry of Environment
- 2017 Kris Hansen, Montrose Environmental
- 2016 Denise Newbould
- 2015 Melissa McAfee, Puget Sound Clean Air Agency
- 2014 Kim Marcus, ERM
- 2013 Al Trbovich, SLR International Corporation
- 2012 Martha Moore, SLR International Corporation
- 2011 Merlyn Hough, LRAPA
- 2010 Hal Robins, Bison Engineering
- 2009 Steve Van Slyke, Puget Sound Clean Air Agency
- 2008 Dave Dornbush, Boeing
- 2007 Kumar Ganesan, Montana Tech
- 2006 Chris Robins, Capital Regional District
- 2005 Maggie Corbin, Port of Seattle
- 2004 Mike Ruby, Envirometrics
- 2003 Jim Pfeiffer, BP Exploration (Alaska) Inc.
- 2002 Paul Beauchemin, Envirochem Services, Inc.
- 2001 Angela Hansen, Am Test-Air Quality, LLC
- 2000 Terry Nyman, retired
- 1999 Mabel Caine, Spokane County Air Pollution Control Authority
- 1998 Scott Freeburn, Willamette Industries
- 1997 Jim Nolan, Puget Sound Air Pollution Control Agency
- 1996 Rick Kester, CH2M Hill
- 1995 Doug Pottratz, Washington Water Power
- 1994 Jay Willenberg, Puget Sound Air Pollution Control Agency
- 1993 Ken Stubbs, Greater Vancouver Regional District
- 1992 John Thielke, Puget Power
- 1991 Naydene Maykut, Puget Sound Air Pollution Control Agency
- 1990 Don Arkell, Lane Regional Air Pollution Control District
- 1989 Henry Droege
- 1988 Andre Caron
- 1987 Award not issued
- 1986 Edward Taylor (posthumously)
- 1985 Elmer Berlie
- 1984 Janet Chalupnik
- 1983 Peter Hildebrandt
- 1982 Joe Lukacs, August Rossano, and Richard Boubel
- 1981 Award not issued
- 1980 Award not issued
- 1979 Verner Adkison (posthumously)
- 1978 Fred A. Shiosaki
- 1977 Donald F. Adams
- 1976 Harold Patterson
- 1975 Storrs Waterman and Washington Lung Association
- 1972-74 Award not issued
- 1971 Robert Stockman

## **Educator Award**

This award was established in 2019 and is presented to an Educator in recognition of a long and outstanding contribution to the students of PNWIS.

2019 - Kumar Ganesan, Montana Tech

# The Young Professional of the Year Award

This award is presented to a young professional leader who has made an outstanding contribution to air and/or waste management in the PNWIS region and for their contributions to PNWIS.

- 2019 Lanka DeSilva, Ramboll
- 2018 Kyle Teschke, Capital Regional District
- 2018 Melody Kieneker, ERM
- 2017 Tanya Wenzel, SLR International
- 2016 Ann Danielson, SLR International Corporation
- 2015 Ann Mason, SLR International Corporation
- 2014 Matt Moroney, Landau Associates
- 2013 Kyle Heitkamp, ENVIRON International Corporation
- 2012 Amy Peccia, SLR International Corporation
- 2011 Rachel Buckbee, BP Alaska
- 2010 Marcy McNamara, Ph.D. Graduate Student from University of Montana Megan Bergauff, Ph.D. Graduate Student from University of Montana
- 2009 Agata McIntyre, Puget Sound Clean Air Agency
- 2008 Steve Rybolt, Port of Seattle
- 2007 Laurel Peterson, Hoefler Consulting Group

## **Environmental Achievement Award**

This award is presented to organizations that have used innovative techniques to reduce or prevent air pollution or waste.

- 2019 WET Consulting
- 2018 The Ocean Legacy Foundation
- 2017 City of Boise
- 2017 Idaho Power
- 2016 Green Star
- 2015 Skamania Lodge, Stevenson, Washington
- 2014 Beacon Cleaners
- 2013 Rescan, an ERM Company
- 2012 Silver Eagle Manufacturing Company
- 2011 Port(s) of Tacoma, Seattle, and Metro Vancouver
- 2010 Ash Grove Cement Company, Durkee, Oregon
- 2010 University of Montana, Payne Family Native American Center
- 2009 Suncadia Resort, Cle Elum, Washington
- 2008 Municipality of Anchorage
- 2007 Idaho Environmental Forum
- 2006 University of Victoria, Victoria, British Columbia
- 2006 Boeing Integrated Defense Systems Environmental, Seattle, Washington
- 2005 BP West Coast Products, Blaine, Washington
- 2004 Kettle Foods, Salem, Oregon
- 2004 Tektronix, Beaverton, Oregon
- 2003 BP Exploration (Alaska) Inc., Anchorage, Alaska
- 2002 Pierce Transit, Tacoma, Washington

- 2002 Port of Seattle, Seattle-Tacoma International Airport
- 2001 Canyon Creek Cabinet Company, Monroe, Washington
- 2001 Conoco Billings Refinery, Billings, Montana
- 2000 Weyerhaeuser Chemainus Sawmill Division, Nanaimo, BC
- 1999 Apollo Plastics, Spokane, Washington
- 1996 Unocal Alaska for pollution prevention and mitigation
- 1992 Blue Sky Filters

## Media Award

This award is presented to a representative from the media who consistently presents accurate, balanced and in-depth information on the environment. The media representative must be from the PNWIS region.

- 2019 Kali Cummings, WET Consulting
- 2018 Johanna Wagstaffe, Vancouver CBC
- 2017 el.e.men'tal Idaho
- 2016 Chris Lindsey, SLR International
- 2016 J.D. McAlpine, EPA Region 10
- 2015 Ashley Ahearn, National Public Radio
- 2014 Spokane Regional Clean Air Agency
- 2013 Larry Pynn, Vancouver Sun
- 2012 David Light, Oregon Insider/Water Report
- 2011 IRAC Spray Coating Operations Workgroup
- 2010 Emily Weiler, University of Montana
- 2008 Alaska Clean Seas
- 2007 Diane Dietz, Eugene Register Guard
- 2007 BC Lung Association
  - **BC** Ministry of Environment
  - **Environment Canada**
  - **Greater Vancouver Regional District**
  - **GV Productions**
  - Health Canada
  - Puget Sound Clean Air Agency
- 2006 Jeff Nagel, Black Press, Victoria, British Columbia
- 2005 RE Sources, Bellingham, Washington
- 2004 Michelle Cole, The Oregonian, Portland, Oregon
- 2003 Joel Gay, Anchorage Daily News, Anchorage, Alaska
- 2002 Steve Krueger, KPLU Radio, Tacoma, Washington
- 2001 Clair Johnson, Billings Gazette, Billings, Montana
- 2000 GEM Mortimer, Vancouver Island
- 1999 Andrew Schneider, Seattle Post-Intelligencer, Seattle, Washington
- 1995 Karen Dorn Steele, Spokesman Review Environmental Reporter
- 1993 Mark Driesschen, UTV, Vancouver, B.C. for coverage of air quality issues during nightly weather reports
- 1992 KIRO Broadcasting, for preparing air pollution specials and complete environmental coverage
- 1990 Robert Sterling, Medford Mail Tribune, Medford, Oregon for wood stove and other environmental reporting
- 1989 KHQ TV, Spokane, Washington

# "Hawkeye" Award

This award is presented to an inspector, permit engineer, or internal auditor who diligently enforces regulations in the PNWIS region. These "hawkeyes" are trained agency inspectors, industrial auditors, environmental activists, or others who take a "front line" approach to regulatory compliance.

- 2019 Crystal Rau, Northwest Clean Air Agency
- 2018 Darren Stewart, Ministry of Environment
- 2017 Morrie Lewis, IDEQ
- 2016 Aaron Simpson, ADEC
- 2016 James Plosay, ADEC
- 2015 Stephen Nelson, Coal Creek Environmental Associates
- 2014 Brenda Smits, Washington Dept. of Ecology
- 2013 Vlad Pomajzl, Ministry of Environment
- 2012 Dave Einolf, Endeavour EHS
- 2011 Laurie Bates-Frymel
- 2010 Roylene Cunningham, EPA Region 10
- 2009 Lynnette Haller, State of Washington Department of Ecology (WDOE)
- 2009 Rebecca Brown, Northwest Clean Air Agency (NWCAA)
- 2008 Ann Mason, Alaska Department of Environmental Conservation
- 2007 Rick Hardy, Idaho Department of Environmental Quality
- 2006 Beverley Williams, Alaska Department of Environmental Conservation
- 2005 Bob Uhrich, Northwest Clean Air Agency
- 2004 Teddy Le, Industrial Section, State of Washington Department of Ecology (WDOE)
- 2003 Cynthia Espinoza, Alaska Department of Environmental Conservation
- 2002 Rick Hess, Puget Sound Clean Air Agency
- 2001 Jim Hughes, Montana Air & Waste Management Bureau
- 2000 Michael J. Guther, Ministry of Environment, Land & Parks
- 1999 John Pavitt, USEPA Alaska Office
- 1998 Tim Gould, Southwest Air Pollution Control Authority
- 1997 Dale Budong
- 1996 Paul Boys, EPA Region 10
- 1995 Ted Hamlin, WDOE
- 1994 Kenan C. Smith, ODEQ Medford Office
- 1993 Armina Nolan, Environmental Protection Agency, for her asbestos work.
- 1992 Rose Busterna, Puget Sound Air Pollution Control Agency, for improved inspector training program.
- 1991 Warren Norton, Montana Air Quality Bureau for friendly, firm, and fair approach to compliance.
- 1990 The Oregon Department of Environmental Quality Asbestos Crew for strong enforcement and development of new regulations
- 1989 Julie Elsbree, Northwest Air Pollution Authority, Mt. Vernon, Washington

## **Hard Hat Award**

This award is presented to a source tester or engineer who has advanced source sampling technology.

- 2019 Dave Blankenship, Bison Engineering
- 2018 Gordon Esplin, Genesis Engineering
- 2017 Craig Thiry, Montrose Environmental
- 2016 Patrik Sartz, ADEC
- 2015 David Elam, TRC
- 2014 Tim Homer, Bighorn Environmental Air Quality
- 2013 Stan Moye, Golden Specialty
- 2012 Jason Bouwman, Horizon Engineering
- 2011 Ray Lawrence, Horizon Engineering
- 2011 Alan Lanfranco, Lanfranco & Associates, Inc.
- 2010 Cal Loomis, Bison Engineering
- 2009 Greg Lipnickey, TRC Environmental Corp.
- 2008 Peter Tam, Levelton Consultants, Ltd.
- 2007 David Bagwell, Horizon Engineering
- 2006 Angela Hansen, Am Test-Air Quality, LLC
- 2005 Axel Franzmann, Northwest Clean Air Agency
- 2004 Dr. John Cooper, Cooper Environmental Services
- 2003 Steve Mackey, Hoefler Consulting Group
- 2002 Alan Butler, Puget Sound Clean Air Agency
- 2001 Roylene Cunningham, USEPA Region 10
- 2000 Russ Simonson, Lafarge Corporation
- 1999 Steve Van Slyke, CH2M Hill
- 1998 Dave Rossman, Horizon Engineering
- 1997 Dave Ferguson
- 1996 Hannah Kimball, The Boeing Company
- 1995 Melissa McAfee, Puget Sound Air Pollution Control Agency
- 1994 Maggie Corbin, Puget Sound Air Pollution Control Agency
- 1993 no award presented
- 1992 Mark Tose, Boeing Company for development of the solid waste tracking system and reduction program
- 1991 Robert G. Richards, Bison Engineering, has conducted numerous and maintained high quality source tests
- 1990 Fred Austin, Puget Sound Air Pollution Control Agency for development of Performance Specification 7 and his work as head of the source test and CEMS team
- 1989 Jim Guenthoer, Am Test-Air Quality, LLC, Preston, Washington
- 1988 Alan Lanfranco, Lanfranco & Associates, Langley, B.C.
- 1987 Kris Hansen, Am Test-Air Quality, LLC, Preston, Washington
- 1986 Mark Boedegheimer, CH2M Hill, Corvallis, Oregon

## **Lab Coat Award**

This award is presented to an individual who has contributed to laboratory and ambient sampling technology.

- 2019 Christopher Hiltunen, Bison Engineering
- 2018 Mark Hugdahl, ALS Environmental-Canada
- 2017 Zach Klotovich, IDEQ
- 2016 Srijan Aggarwal, University of Alaska Fairbanks
- 2015 Zach Hedgpeth, EPA Region 10
- 2014 Bud Leber, Kaiser Aluminum Washington
- 2013 Steve Horvath, Ministry of Environment
- 2012 Paul Duda, CHESTER LabNet
- 2011 Dr. Kathy Preston, RWDI
- 2010 Dr. Tony Ward, University of Montana
- 2009 Dr. Sucha Parmar, Atmospheric Analysis & Consulting (AAC)
- 2008 Isaac Bertschi, Hoefler Consulting Group
- 2007 Kathi Futornick, URS
- 2006 Grover Christiansen, Ministry of Environment
- 2005 Surjit Nizzar, Greater Vancouver Regional District
- 2004 Mark Bodinheimer, CH2M HILL
- 2003 no award presented
- 2002 Ken Richmond, MFG, Inc.
- 2001 Kirk Stopenhagen, CH2M Hill
- 2000 Neil Hodgson, Washington Department of Ecology
- 1999 Dr. Tim Larson, University of Washington
- 1998 Fritz Skirvin
- 1996 Larry Gordon
- 1995 Paul Tiegs, OMNI
- 1994 Rod Gravely, CH2M Hill, Corvallis, Oregon
- 1993 no award presented
- 1992 Dr. Jane Koeing, University of Washington, Roger Ottman, U.S. Forest Service PNW, and Tim Reinhardt, Radian for their technical contribution in the area of smoke exposure
- 1991 Angela Blaisdell, Am Test-Air Quality, Inc. for 12 years of work in the field and extensive work in air toxics
- 1990 Dave Kalman, University of Washington for advances in the art of organic specific analysis for environmental samples
- 1989 Jerry Boyum, Lane Regional Air Pollution Control Authority, and Jon Schweiss,
- **Environmental Protection Agency**
- 1988 Susan Davis, Washington Department of Ecology, Manchester, Washington
- 1987 John Roberts, Consultant
- 1986 Stan Hammersmith, Washington Department of Ecology, Redmond, Washington

## PNWIS/A&WMA Executive Committee Award

Since 1999, this award has been presented to recognize persons who have gone beyond the call of duty in their volunteer work for PNWIS.

Prior to 1999, the award was presented to recognize people who had made long-term commitments to advancing the cause of clean air or waste management in the Pacific Northwest. Eligibility extended throughout government, academia, consulting firms, and industrial facilities in the PNWIS region.

- 2019 Norma Job, Ash Grove Cement Company
- 2018 Lyn Tober, NWCAA
- 2017 Dan Burgard, University of Puget Sound
- 2017 Laurel Peterson, SLR International Corporation
- 2017 Roylene Cunningham, EPA Region 10
- 2016 Agata McIntyre, NWCAA
- 2015 Jessica Stark, SLR International Corporation
- 2014 Beth Fifield Hodgson, Spring Environmental
- 2013 Steve Rybolt, Port of Seattle
- 2012 Melissa McAfee, Puget Sound Clean Air Agency
- 2012 Stacey Glenewinkel, Elliott and Associates, Inc.
- 2012 Denise Newbould, ERM
- 2011 Warren McCormick, British Columbia Ministry of Environment
- 2011 Bob Humphries, Levelton Consultants, Ltd.
- 2010 Kris Hansen, AmTest Air Quality/Horizon Engineering
- 2010 Dr. Brian Doyle, Doyle Engineering, Inc.
- 2009 Claude Williams, Puget Sound Clean Air Agency (PSCAA)
- 2009 Eric Hansen, ENVIRON
- 2008 Brian Hoefler, Hoefler Consulting Group
- 2008 Angela Hansen, Hoefler Consulting Group
- 2008 Dave Dornbush, Boeing
- 2007 Al Trbovich, Hoefler Consulting Group
- 2006 Kim Marcus, URS
- 2005 Alan Butler, Puget Sound Clean Air Agency
- 2004 Martha Moore, TW Environmental
- 2003 Beverley Williams, Alaska Department of Environmental Conservation
- 2002 Steve VanSlyke, Puget Sound Clean Air Agency
- 2001 Jay Willenberg, Puget Sound Clean Air Agency and CH2M Hill
- 2000 Dave Dornbush, The Boeing Company for being Mr. Gung-ho
- 1999 Mike Ruby, Envirometrics for editing the PNWIS newsletter
- 1998 Frank Terraglio, for conducting smoke school training
- 1993 Elmer Berlie, Victoria, B.C. for exemplary service to PNWIS and the Vancouver Island Chapter
- 1992 Harry Waters, Puget Sound Air Pollution Control Agency
- 1990 Dick Burkhalter, Washington Department of Ecology
- 1989 Fred A. Shiosaki, Spokane, Washington
- 1987 Art Dammkoehler, Control Officer, Puget Sound Air Pollution Control Agency, Seattle, Washington

## **Excellence in Presentation Award**

This award was established in 1975 as the Happy Looker Award to encourage improved visual presentation of papers at PNWIS annual meetings. The scope was later changed to include verbal presentation and content. In 1988 the name was changed to the Excellence in Presentation Award to better represent the purpose of the award. This award is presented for the best presentation of a paper or poster at the annual meeting.

- 2019 Neil Westesen, Crowley & Fleck, No Good Deed Goes Unpunished
- 2018 Julie Saxton, Metro Vancouver, Residential Wood Smoke in Metro Vancouver
- 2017 Janice Gedlund, Cogent, "Greener Ports: The Sky's the Limit"
- 2016 Jennifer Richcreek, Kodiak Electric Association, A Micro Grid Case Study
- 2015 Dan Burgard, University of Puget Sound, Consumption Effects on Wastewater
- 2014 John Cleary, Washington Dept. of Ecology
- 2013 Jasper van de Wetering, Lehigh Cement
- 2012 Panelists in the YP Session "What's that Thang?" James Emmerson, Full Sail Brewing
- Company; Geoffrey Tichenor, Stoel Rives; and Tracey Jochim, Weyerhaueser
- 2011 Beth Fifield-Hodgson, Spring Environmental
- 2010 Bart Brashers, ENVIRON
- 2009 David Ogulei, State of Washington Department of Ecology (WDOE)
- 2008 Denise Newbould, Aware Consulting
- 2007 Estee Lafrenz and Mark Hooyer, Kleinfelder
- 2006 Claude Williams, Puget Sound Clean Air Agency
- 2005 Steve Mrazek, Port of Portland
- 2004 J.D. McAlpine and Mike Ruby, Envirometrics
- 2003 Angela Hansen's Panel Session, Am Test-Air Quality, LLC
- 2002 Sherri Whiteman, Fort Lewis Public Works
- 2001 Eric Hansen, McCulley, Frick & Gilman
- 2000 Dick Baldwin, Ventura County Air Pollution Agency
- 1997 Joanne L. Pottier
- 1992 Steve Van Slyke, CH2M Hill, Global Perspective of Treatment Issues
- 1991 James M. Parker
- 1990 Maggie Corbin, Puget Sound Air Pollution Control Agency, air toxics presentation
- 1989 Kristin Gaines, University of Idaho, Moscow, Idaho
- 1988 Ed Wituschek, Environment Canada, W. Vancouver, B.C.
- 1987 C.L. Stoddard, Wykoff Company, Seattle, Washington
- 1986 Merlyn Hough, Oregon Department of Environmental Quality, Portland, Oregon
- 1985 Francis Ferraro, Vertech Treatment System, Denver, Colorado
- 1984 Graham B. Parker, Battelle Pacific NW Lab, Richland, Washington
- 1983 M.M. Thornton, University of Washington, Seattle, Washington
- 1982 J.D. Kowalczyk, B. Tombleson, A. Batson, L. Kowstow, M. Hough, B. Blank, ODEQ,
- 1981 S.O. Farwell, D.R. Gage, R.A. Kagel, University of Idaho, Moscow, Idaho
- 1980 Donald F. Adams, Washington State University, Pullman, Washington
- 1979 Hal W. Knox, Energy Resources Conservation Board, Calgary, Alberta
- 1978 Donald F. Adams, Washington State University, Pullman, Washington
- 1977 David C. Junge, Oregon State University, Corvallis, Oregon
- 1976 Douglas M. Leahey, Mervyn J.E. Davies, Western Research & Development, Calgary, Alberta
- 1975 M.K. Franklin, A.L. Caron, R.O. Bloser, A.K. Jain, W.G. Gillespie, Washington Council for Air & Stream Improvement, Corvallis, Oregon

# The Young Professional Excellence in Presentation Award

This award is presented for the best presentation of a paper or poster at the annual meeting by a young professional (YP). This is a new award started in 2010.

- 2019 Whitney Jurenic, Montana DEQ, Upstream Oil and Gas: An Air Quality Regulator's View
- 2018 Chris Kitchen, SoundEarth Strategies, Keeping your Facility "Inspection Ready"
- 2017 Melody Kieneker, ERM, Case Study Dioxin/Furan Contaminated Wetland
- 2016 Aaron Simpson, ADEC, Lean Process Efficiency for Permit Writing
- 2015 Maria Zatko, NOx Snow Chemistry from Oil and Gas Activities
- 2014 Sara Harold, Puget Sound Clean Air Agency
- 2013 Heather Bauer, BC Climate Action Secretariat
- 2012 Yasmeen Sultana, ERM
- 2011 Taylor Van Houten, TRC Solutions
- 2010 Kyle Heitkamp, ENVIRON

# Willenberg-Hansen Chapter Recognition Program

This program was created in 2001 to give the Section a way to recognize the efforts and programs of our 8 Chapters and 2 Student Chapters. The program is non-competitive and non-monetary with benchmarks that are easy to achieve and easy to evaluate. The program's purpose is to recognize and motivate volunteer efforts and encourage membership in the Air & Waste Management Association. The points system emphasizes membership and education efforts and is tracked by evaluating the annual reports that each Chapter files as part of their charter with A&WMA.

The 3 awards levels are the Moose (6 points), Eagle (8 points), and Moby (10 points).

2019 - Moby Award **Inland Chapter** Alaska Chapter Montana Chapter BC/Yukon Chapter Oregon Chapter Idaho Chapter **Puget Sound Chapter** Inland NW Chapter Montana Tech Student Chapter Montana Univ. of Montana Student Chapter Montana Tech 2015 - Eagle Award Oregon Chapter Vancouver Island Puget Sound Chapter 2014 - Moby Award University of Montana Alaska Chapter Vancouver Island Chapter BC/Yukon Chapter 2018 - Moby Award Idaho Chapter Alaska Chapter Oregon Chapter BC/Yukon Chapter **Puget Sound Chapter** Idaho Chapter Vancouver Island Chapter Oregon Chapter **Huxley Student Chapter** Puget Sound Chapter Univ. of Montana Student Chapter 2018 - Eagle Award 2014 - Eagle Award Vancouver Island Chapter Inland Chapter 2018 - Moby Award 2014 - Moose Award Inland NW Chapter Montana Chapter 2017 - Moby Award 2013 - Moby Award Alaska Chapter Alaska Chapter Idaho Chapter Idaho Chapter Montana Chapter Montana Chapter Oregon Chapter Oregon Chapter **Puget Sound Chapter** Puget Sound Chapter Vancouver Island Chapter Boise State Student Chapter Montana Tech Student Chapter Univ. of Montana Student Chapter Univ. of Montana Student Chapter 2013 - Eagle Award 2017 - Eagle Award Idaho Chapter BC/Yukon Chapter Vancouver Island Chapter 2016 - Moby Award 2013 - Moose Award Alaska Chapter Inland Chapter Montana Chapter Montana Tech Student Chapter Oregon Chapter 2012 - Moby Award Puget Sound Chapter Alaska Chapter Vancouver Island Chapter BC/Yukon Chapter Montana Tech Student Chapter **Oregon Chapter** Univ. of Montana Student Chapter **Puget Sound Chapter** 2016 – Eagle Award Boise State Student Chapter BC/Yukon Chapter Univ. of Montana Student Chapter Idaho Chapter 2012 - Eagle Award 2015 - Moby Award Idaho Chapter Alaska Chapter Montana Chapter

BC/Yukon Chapter

Idaho Chapter

Vancouver Island Chapter

2011 – Moby Award
BC/Yukon Chapter
Montana Chapter
Oregon Chapter
Puget Sound Chapter

Vancouver Island Chapter

Univ. of Montana Student Chapter

2011 – Eagle Award Alaska Chapter Idaho Chapter 2011 – Moose Award

Inland NW Chapter

2010 – Moby Award
Alaska Chapter
BC/Yukon Chapter
Idaho Chapter
Inland NW Chapter
Montana Chapter

Montana Chapter
Oregon Chapter
Puget Sound Chapter
Vancouver Island Chapter

Univ. of Montana Student Chapter

2009 – Moby Award
Alaska Chapter
BC/Yukon Chapter
Idaho Chapter
Oregon Chapter
Puget Sound Chapter
Vancouver Island Chapter

Univ. of Montana Student Chapter

2009 – Eagle Award Inland NW Chapter Montana Chapter

2008 – Moby Award Alaska Chapter

Huxley Student Chapter

Idaho Chapter
Oregon Chapter
Puget Sound Chapter
Vancouver Island Chapter

2008 – Eagle Award BC/Yukon Chapter

Univ. of Montana Student Chapter

2007 – Moby Award
Alaska Chapter
BC/Yukon Chapter
Oregon Chapter
Puget Sound Chapter
Vancouver Island Chapter

2007 – Eagle Award Idaho Chapter 2007 – Moose Award

Huxley Student Chapter

2006 – Moby Award Alaska Chapter BC/Yukon Chapter Idaho Chapter Oregon Chapter Puget Sound Chapter Huxley Student Chapter

2006 - Eagle Award

Montana Tech Student Chapter Vancouver Island Chapter

2006 - Moose Award

Univ. of Montana Student Chapter

2005 – Moby Award
Alaska Chapter
Oregon Chapter
Puget Sound Chapter
Vancouver Island Chapter

2005 – Eagle Award

Montana Tech Student Chapter

2005 – Moose Award BC/Yukon Chapter Idaho Chapter

Special mention: Huxley College Student

Chapter

2004 – Moby Award
Idaho Chapter
BC/Yukon Chapter
Alaska Chapter
Oregon Chapter
Puget Sound Chapter

Montana Tech Student Chapter

2004 - Eagle Award

Vancouver Island Chapter 2004 – Moose Award (none this year)

2003 – Moby Award

Alaska Chapter

Oregon Chapter

Puget Sound Chapter

2003 - Eagle Award

Vancouver Island Chapter

2003 - Moose Award

Montana Tech Student Chapter

2002 - Moby Award

Montana Tech Student Chapter

Oregon Chapter Puget Sound Chapter Vancouver Island Chapter

2002 – Eagle Award Alaska Chapter 2001 – Moby Award

Inland Northwest Chapter

Alaska Chapter
Puget Sound Chapter
Vancouver Island Chapter

2001 – Eagle Award Oregon Chapter 2001 – Moose Award

Montana Tech Student Chapter (Environmental Engineers of Montana Tech)

# **Student Paper Awards**

Students are given cash awards from our Fred Gray Scholarship Fund and PNWIS scholarship fund for outstanding presentations at the annual meeting. Students are evaluated on technical content, visual aids, and presentation skills.

- 2019 Evan Norman, Montana Tech, \$350 Loran Brooks, Montana Tech, \$350 Jessie Bunker, Montana Tech, \$200
- 2018 Rosie R. Rushing, University of Puget Sound, \$350 Larissa Richards, Vancouver Island University, \$350

Aditya Regally, New York Institute of Technology (Vancouver), \$200

- 2017 Zoya Banan, Penn State, \$350 Arundeep Taduri, Montana Tech, \$350 Kate Moreira, Montana Tech, \$200
- 2016 Kunle Ogunsakin, Montana Tech, \$400 Eric Hull, Montana Tech, \$300 Clay Thomas, Montana Tech, \$200
- 2015 Dylan Uecker, Montana Tech, \$400
   Samantha Hutcheson, Montana Tech, \$300
   Graham VanderSchelden, Washington State University, \$100
   Garrett Craig, Montana Tech, \$100
- 2014 Graham VanderSchelden, Washington State University, \$400
   Chris Atherly, Montana Tech, \$300
   Drew Polley, Washington State University, \$100
   Courtney Greyn, Montana Tech, \$100
- 2013 Annie Wang, UBC Vancouver, \$400
   Claudia Toro, Washington State University, \$300
   Tim Abbott, School of Engineering, UBC Okanagan Campus, \$200
- 2012 Alexander Bigazzi, Portland State University, \$400
   Susannah Edwards, Western Washington University, \$300
   Matt Breuer, University of Puget Sound, \$200
- 2011 Peixi, Yan, Montana Tech, \$500 Luke Montrose, University of Montana, \$300 Lanka DeSilva, WSU, \$200
- 2010 Jennifer Black, Montana Tech, \$500
   Casey Clark, Montana Tech, \$250
   George Mwaniki, Washington State University, \$250
- 2009 Karen Gillespie, Montana Tech, \$500 Marcy McNamara, University of Montana, \$300 Danielle Long, Boise State University, \$200
- 2008 Stephen Dent, Washington State University, \$250 Anna Carter, Boston University, \$175
- 2007 Keri Petritz, Montana Tech, \$250 Stephen Dent, Washington State University, \$175 Megan Bergauff, University of Montana, \$100
- 2006 Eleanor Setton, University of Victoria, \$250
   Jason Allen, University of Washington, \$175
   Christy Lightowlers, University of Victoria, \$50
   Chad Share-Weldy, Huxley Western Washington University, \$50
- 2005 Jorge Jimmenez, Washington State University, \$250 Ranil Dhammapala, Washington State University, \$175 Joey Phillips, Montana Tech, \$100
- 2004 Steve Rybolt, Western Washington University, \$250
   Carlo Pearson, Oregon Health Sciences University, \$175
   Nicholas McEwen, U of W, \$100
- 2003 Michelle Newman, U of W, \$250 Marika Henderson, Montana Tech, \$175 Kendra Zamzow, University of Nevada, \$100

# **Student Paper Awards**

- 2002 Trevor Taylor, Montana Tech, \$250 Jorge Jimenez, WSU, \$175
  - Ryan Allen, U of W, \$100
- 2001 Irra Sundram, WSU, \$250 Mark Hoffman, WSU, \$175
  - Shanthi Sambathkumar, Montana Tech, \$100
- 2000 Student Poster Awards were presented
- 1999 Mike Dunleavy and Jeremy Avis, Montana Tech, first place, \$175 each
   Dr. Dave Chandler, Post-Doctoral, \$150
   Dr. Rafael Vellasensor, WSU, \$100
- 1997 Mike Burna
- 1996 Sarah Brace, Wendy Sullivan, Derrick Booth, T. Ross
- 1995 Brian Hopkins, James Beseda, Lynnette Haller, Sarah Brace, April Miller, Chris Dreschsel
- 1994 Kelly Kempf, Rari Kantamaneni
- 1992 Leif Griffin and Abur Jafar Khan
- 1991 Kris McClusky and David Casgriff
- 1990 Gail Dorf
- 1989 Kristin Gaines, University of Idaho, Stacia Dugan, University of Washington
- 1988 Ken Fellows, University of Washington
- 1987 L. MacGregor, Washington State University
- 1986 Dixon Arlander and Tom Gerrara
- 1985 Gerry Pade, Marian Wineman, and Gregory Brown
- 1984 Mark Rood, University of Washington
- 1983 Kbrahem Moshiri, Portland State University and Pam Jenkins, University of Washington
- 1982 Jack Calahan, Oregon State University
- 1975 Karen Hood
- 1970 Ken Noll and Masoud Azaraijani
- 1966 2 graduate students and 2 undergraduate students

# **Certificates of Appreciation/Recognition**

These certificates are presented to individuals, firms, agencies, or organizations that have made some significant contribution to the fields of air pollution control and waste management or to the volunteer work of PNWIS.

- 2019 Susie Anderson, PNWIS 2019 Karen Helfrich, PNWIS 2019
- 2018 Mark Milner, PNWIS 2018 Selina Lee-Andersen PNWIS 2018 Bob Humphries, PNWIS
- 2017 Steve Cory, PNWIS 2017 Krista Kinsey, PWNIS 2017
- 2016 Jennifer Richcreek, PNWIS 2016 Chelsea Normand, PNWIS 2016
- 2015 Jeromy Adams, PNWIS 2015 Norma Job, PNWIS 2015
- 2014 April Westby, PNWIS 2014 Crystal Rau, PNWIS 2014 John Haney, PNWIS 2014
- 2013 Chris Jenkins, PNWIS 2013 Dr. Matt Dodd, PNWIS 2013 Eric Taylor, PNWIS 2013 Warren McCormick, PNWIS 2013 Julie Saxton, PNWIS 2013
- 2012 Jessica Stark, PNWIS 2012 Craig Thiry, PNWIS 2012
- 2011 Julie Saxton, PNWIS 2011 Gordon Esplin, PNWIS 2011 Ken Stubbs, PNWIS 2011 Bob Smith, PNWIS 2011

Ron Edgar, retiring from Spokane Regional Clean Air Agency

- 2010 Joe Peterson, Bison Engineering
  Doug Pottratz, retired from Avista Corporation
  Rod James, University of Montana
- 2009 Maggie Yowell, Foster Pepper
- 2008 Al Trbovich, Hoefler Consulting Group
- 2007 Zach Klotovich, Idaho Department of Environmental Quality, PNWIS 2007 Toni Hardesty, Idaho Department of Environmental Quality, PNWIS 2007
- 2006 Mike Williams, PNWIS 2006
- 2005 Dan Mahar, Northwest Clean Air Agency
- 2005 Steve Rybolt Olympic Region Clean Air Agency
- 2004 Christy Schmitt, URS
- 2004 Dave Dornbush, The Boeing Company
- 2003 Denise Newbould, Aware Consulting
- 2003 Hoefler Consulting Group (Brian Hoefler, Nancy Sander, Al Trbovich, and J.R. Wilcox)
- 2002 Kumar Ganesan, Montana Tech
- 2002 Beverley Williams, Alaska Department of Environmental Conservation
- 2002 Maggie Corbin, Port of Seattle
- 2001 Martha Moore, TW Associates
- 2001 Dave Dornbush, Boeing
- 2000 George Davis, Oregon Department of Environmental Quality
- 2000 Jean-Paul Huys, Olympic Air Pollution Control Authority
- 2000 Jennifer DeMay, Olympic Air Pollution Control Authority
- 2000 Brad and Karen Reynolds, Oregon Chapter
- 2000 Melissa McAfee, Puget Sound Clean Air Agency
- 2000 Dan Mahar, Northwest Air Pollution Authority
- 1999 Beverley Williams, Alaska Department of Environmental Conservation
- 1998 Joe Johnson, The Boeing Company, for development of the PNWIS web site.

# **Certificates of Appreciation/Recognition**

- 1995 Eric Skelton, Spokane County Air Pollution Control Authority
- 1994 Rod James, Montana Tech
- 1993 Rob Dalrymple, General Chair of the PNWIS 1993
  Mike Williams, Jim McTaggart-Cowan, and Graeme Bethel, Technical Co-Chairs of the PNWIS 1993
  Larisa Searle, Susan Norrington, and Pat Smith for PNWIS 1993 support
- 1993 Go Green Committee, a partnership of GVRD, BC Transit, Environment Canada and three BC Government ministries that promote alternatives to single occupant vehicle travel.
- 1993 BC Systems Corporation and Camosum College, Victoria, B.C.
- 1992 John Thielke, Puget Power
- 1991 Mabel Caine, Clear the Air Spokane project, special service in the Spokane Agency, and 20 years of hard work in the Air Pollution Control Field. Citizens of the Rogue Valley
- 1990 Dr. Tim Larson, University of Washington, for wood stove pollution research.
- 1990 Boeing Plant II Environmental Management Staff for eliminating unnecessary vapor degreaser emissions.
- 1990 Greater Vancouver Regional District, Air Quality and Source Control Department, progressive and active Canadian Air Quality Management Organizations.
- 1989 Dr. Ted Harrison, Atmospheric Sciences, University of Washington, Air Quality Project
- 1989 Jessie Lang, Solid Waste Recycling Project in Spokane Waste Management.
- 1988 Boeing Company, Seattle Washington
- 1987 City of Boise
- 1987 Tom Chapple and Steve Gilbertson, Juneau, Alaska
- 1986 Panoramas Steering Committee, John Core, Darrel Weaver, Jim Boylan, Mark Hooper, and Frank Van Haren
- 1985 Storrs and Helen Waterman, Portland, Oregon
- 1984 Elmer Berlie, Andre Caron, John Kowalczyk, and Barbara Tombleson
- 1983 Dave Sandbert and Darold Ward, U.S. Forest Service
- 1982 Henry Droege, Washington Department of Ecology, Olympia, Washington

## **Bent Black Banana Award**

This award is presented to some person for some reason! The award is on the "lighter side" and is generally presented for some unusual contribution at the annual meeting. The PNWIS Awards Committee makes selection of the recipient.

This award was established in 1968 at the annual meeting in Vancouver, B.C. President Peter Hildebrandt presented Brad Drowley with a sad-looking banana as a prize for traveling the greatest distance to the convention. Between then and the next convention in Portland, Oregon, Brad transformed the banana into an attractive plaque and it was annually presented to the person traveling the greatest distance to the annual meeting.

In 1983 it was decided to change the purpose of the award so more members of PNWIS would be eligible. Since 1983, the BBB Award is presented to someone who does something very funny or unusual at the annual meeting.

- 2019 Kumar Ganesan and the PNWIS 2019 Planning Committee for lightening up the Technical Sessions
- 2018 Chris Atherly for holding the YP Event during a poetry reading
- 2017 Chris Kitchen for inventing the first ever PNWIS "martini punch card"
- 2016 Denise Newbould for being the very first person to ever, have to secure a permit for the fun run
- 2015 Don Caniparoli for being the ultimate Silver Tsunami
- 2014 Crystal Rau for removal of fun run markers before the fun run was completed
- 2013 Roylene Cunningham for forgetting to order the BBB Award!
- 2012 Cal Loomis for the flooded laptop incident in the bathroom
- 2011 Greg Lipnickey for the bath robe incident in the hotel bar
- 2010 Rachel Buckbee for coming up with a new app on her iPhone for tracking BBB nominees
- 2009 Jeromy Adams for the "Boys of PNWIS" calendar
- 2008 Craig Thiry (aka Ice Spa addict) for his WWF fireman lifts of PNWIS ladies at the banquet

#### **Bent Black Banana Award**

- 2007 Steve Rybolt & Laurel Peterson for producing a 4-page PNWIS tabloid
- 2006 Agata McIntyre, for riding a mechanical bull not once, not twice, but three times.
- 2005 Tim Larsen, Naydene Maykut, Maggie Corbin (with help from Andrew Greene) for donning Reduce, Reuse, Recycle lampshades on the dance floor
- 2004 Dan Mahar for crashing the valet cart containing the hospitality suite liquor
- 2003 Doug Morrison for the fundraising concept "Girls of PNWIS" calendar
- 2002 Al Trbovich, for helping stuff Seymour the Moose's backside
- 2001 Jessica Stark, Bigfoot sighting on the fun snowshoe/run
- 2000 Tanner Egan, locked out of his hotel room in his skivvies
- 1999 Martha Moore and Bob Hall, best indiscrete PNWIS tattoos
- 1998 Melissa McAfee, for being in the right place at the right time
- 1997 Angela Blaisdell, gimpy scooter girl
- 1996 Joe Johnson, ribbon boy
- 1995 Linda McRae, best response to a comic
- 1994 David Kircher and Art Davidson, unusual napkin hats/bras
- 1993 Rob Dalrymple
- 1992 Elizabeth Waddell and Alan Butler, indoor electric scooter racing
- 1991 Paul Willenberg, youngest bartender
- 1990 Dallas Gudgell, IDEQ, best dressed man
- 1989 Rod James, Butte, Montana
- 1988 George Hofer, Seattle, Washington, tour service at Whistler Hotel
- 1987 Merlyn Hough, Gresham, Oregon, acting as a magician
- 1986 Ann Batson, Aloha, Oregon
- 1985 Mark Hooper, Bellevue, Washington, falling off stage during presentation
- 1984 Darrell Weaver, Olympia, Washington, for after dinner entertainment
- 1983 George Hofer, Seattle, Washington, for "great" choice of luncheon speaker
- 1982 Thomas Moyer, Fairbanks, Alaska
- 1981 Richard Mikkelsen, Anchorage, Alaska
- 1980 Richard Joy, Fairbanks, Alaska
- 1979 Einar Hovind, Santa Barbara, California
- 1978 Al Mick, Atlanta, Georgia
- 1977 Patrick Fisher, Fairbanks, Alaska
- 1976 Wally Wilson, Altadena, California
- 1975 Hal Cooper, Austin, Texas
- 1974 H. Veldhuizen, Edmonton, Alberta
- 1973 Will Nelson, Anchorage, Alaska
- 1972 K. MacKenzie, Fairbanks, Alaska
- 1971 Larry Faith, San Marino, California
- 1970 Richard Mikkelsen, Anchorage, Alaska
- 1969 Joe Lukacs, Calgary, Alberta
- 1968 Brad Drowley, Oakville, Ontario

# PNWIS-A&WMA Academic Scholarship (1989) Adams, Boubel, Rossano Scholarship (1982 – 1988)

The Adams, Boubel, Rossano Scholarship of \$1,000 was presented to a student involved in air quality studies between 1982 and 1986.

In 1989 the PNWIS-A&WMA Executive Committee voted to designate the amount of \$250 to be donated to the A&WMA Scholarship Fund in the names of Don Adams, Richard Boubel and August Rossano. The purpose of the scholarship is to encourage students to enter the air pollution and waste management fields.

- 1989 \$250 donated to A&WMA
- 1988 Scholarship not issued
- 1987 Pat McGentry, Central Washington University
- 1986 Barbara Turpin, Oregon Graduate Center
- 1985 Loren MacGregor and Alex Guenther, Washington State University
- 1984 Rachel Yoder, Portland State University
- 1983 James Guenthoer, Mark Rood, and Richard Vong, University of Washington
- 1982 John Hooly, Oregon State University

# Dornbush-Freeburn-Marcus Environmental Challenge Program

At the PNWIS 2002 conference, the Environmental Challenge (EC) competition was introduced to give NW university students an opportunity to work on a real-life environmental problem, network with other students and professionals at annual conferences, and to compete for prizes. The Mini-Challenge was staged at the annual conferences during which the teams were given three days to work on solutions and develop presentations. Cash prizes have come from the PNWIS budget, sponsors, and EC fund. Beginning with the PNWIS 2004 Annual Conference, the competition started to evolve into the Full Challenge. Student teams form and work on the EC problem for a month, submit summary proposals on the first day of the conference, and then interface with role-playing characters, incorporate new information into their problem solutions, and give presentations on the final day of the conference. Student teams will be judged and awarded prizes based on their understanding of the environmental issues pertinent to the EC problem, and the vision, logic, team process, conceptualization, and creativity of solutions. This program was later named after its' champions, Dave Dornbush, Scott Freeburn, and Kim Marcus.

# 2021 - Environmental Challenge (Virtual)

First Place (\$1,500, plus sponsorship to attend and compete in the EC at ACE 2022)

University: Western State University

Team Members: Li Wright, Emma Grace Hein, Alyssa Bailey, and Geneva Schlepp

Second Place (\$1,200) University: Montana Tech

Team Members: Catherine Mulholland, Nevada Strandberg, and Jessica Harman

## 2020 - Environmental Challenge (Virtual)

First Place (\$1,500, plus sponsorship to attend and compete in the ECi at ACE 2021)

University: University of Puget Sound

Team Members: Jasmine N. Mikesell, Katja Tarleton, and Marilyn Bowman

Second Place (\$1,200)

University: Western Washington University

Team Members: Paige Shimkus, Kaitlyn Flynn, Matt Roberts, and Mikayla Bowers

Third Place (\$800)

University: Western State University

Team Members: Lauryn Guerrissi, Alyssa N. Bailey, Emma Grace Hein, and Li Wright

Fourth Place (\$500) University: Montana Tech

Team Members: Catherine Mulholland, Logan Reed, George Sidles IV, and Kara Nye

## 2019 - Environmental Challenge

First Place (\$1,500, plus sponsorship to attend and compete in the ECi at ACE 2020 in San Francisco, CA)

*University: Western Washington University, Team Name: Kulshan Environmental* Team Members: Sarah Vanlandingham, Finn O'Hea, Madison Pongon, and Katie Knaub

Second Place (\$1,200)

*University: Montana Tech, Team Name: Uractive Consulting*Team Members: Kori Reilly, Grace Mulholland, George Sidles IV

Third Place (\$800)

University: Montana Tech, Team Name: H-4 Consulting

Team Members: Kris Bosch, Laurel Bitterman, Raychel Hoerner, Carter Moerley

#### 2018 - Environmental Challenge

First Place (\$1,500, plus sponsorship to attend and compete in the ECi at ACE 2019 in Quebec City, Canada)

University: University of Puget Sound, Team Name: SPICE

Team Members: Amanda Cobb, Erin McMillin, Ashley Mapile, and Emma Sevier

Second Place (\$1,200)

University: University of Puget Sound, Team Name: REaL solutions Team Members: Lisa Grimm, Emma McAllister, and Rosie Rushing

Third Place (\$800)

University: Montana Tech, Team Name: Oh Whale Consulting

Team Members: Nolan McHugh, Kile Denny, Matthew Kale, Caelan Brady, and Ashton Cummings

## 2017 - Environmental Challenge

First Place (\$1500, plus sponsorship to attend and compete in the ECi at ACE 2018 in Hartford CT)

*University: Western Washington University, Team Name: Kulshan Environmental* Team Members: Ian Moran, Kim Diep, Jeff Prat, Rita Foth, Eddie Kramarevsky

Second Place (\$1200)

University: Montana Tech, Team Name: Dirt Digger Consulting

Team Members: Ethan Askam, Seth Garrity, Madison Cyr, Caelan Brady, and Carson Bechtel

Third Place (\$800)

University: University of Alaska Fairbanks, Team Name: Fairbanks Environmental Consulting

Team Members: Amanda Mitchell, Aline Collins, Nicole Knight, Kelsey Dean, Ragen

## 2016 - Environmental Challenge

First Place (\$1200, plus sponsorship to attend and compete in the ECi at ACE 2017 in Pittsburg PA)

University: Montana Tech, Team Name: Catch and Release

Team Members: Ryan Cochran, Carson Betchel, Emilie Rott, Kelly Hertel, Hunter Kent

Second Place (\$1000)

University: Western Washington University, Team Name: Kulshien Environmental

Team Members: Kimberly Diep, Jeffery Pratt, Charles Christenson

Third Place (\$800)

University: University of Puget Sound, Team: Chinook Environmental Consulting Team Members: Caroline Hamilton, Hannah Floren, Marcella Heineke, Ryan Banwarth

#### 2015 - Environmental Challenge

First Place (\$1,500, plus sponsorship to attend and compete in the ECi at ACE 2016 in New Orleans LA)

University: University of Puget Sound, Team Name: Cascadia Cornerstone Consulting

Team Members: Cliff Hayashi, Jack Marshall, Caroline Hamilton, Bella Graves, Peter Davidson

Second Place (\$1,200)

University: University of Puget Sound, Team Name: Elemental Solutions

Team Members: Adam Herbertson, Anastasia Movairty, Becca Tansey, Madison Bertis, Michael Burley

Third Place (\$800)

University: Montana Tech, Team: HydroTech Consulting

Team Members: Ryan Cochran, Emma Wooldridge, Hannah Ruble, Emma Rott, Cooper Knoll

## 2014 – Environmental Challenge

First Place (\$1500, plus sponsorship to attend and compete in the ECi at ACE 2015 in Raleigh NC)

University: Montana Tech, Team: PCB Gone Consulting

Team Members: Clay Thomas, Ryan Cochran, Ashley Finch, Shyla Allred, Westley Lund

Second Place (\$1200)

University: University of Puget Sound, Team Name: Ebb and Flow Consulting

Team Members: Jack Elder, Emma Spalding, Emilie Kurth and Pete Bergene

Third Place (\$800)

University: Montana Tech, Team: Wizard City Consulting

Team Members: Chris Atherly, Nathan Burke, Garrett Craig, Betsy Speare, Dylan Uecker

Judges choice (\$500)

University: WWU - Huxley College of the Environment, Team Name: LYS Consulting

Team Members: Kathryn Hodges, Amberose Kelley, Jenna Rheuben

#### 2013 - Environmental Challenge

First Place (\$1500, plus sponsorship to attend and compete in the ECi at ACE 2014 in Long Beach CA)

University: Montana Tech, Team Name: Waste Tech Environmental

Team Members: Elizabeth Speare, Laura Jenkins, Nathan Burke, Rowan Sauer, and Westley Lund

Second Place (\$1200)

University: Montana Tech, Team Name: Wasted Consulting

Team Members: Christopher Atherly, Kelly Doble, Shawn Smith, and Dylan Uecker

Third Place (\$800)

University: WWU - Huxley College of the Environment, Team Name: CTL Inc

Team Members: Melody Kieneker, James Leder, and Ryan Lefler

## 2012 - Environmental Challenge

First Place (\$1500, plus sponsorship to attend ACE 2013 in Chicago, IL)

University: University of Puget Sound, Team Name: Over the River Environmental Solutions

Team Members: Annie Bigalke, Kathryn Ginsberg, Kelsey Johnson

Second Place (\$1200)

University: University of Puget Sound, Team Name: Northwest Environmental Management Organization (NEMO)

Team Members: Ben Armstrong, Camille Sachs, Ben Sample, and Matt Breuer

Third Place (\$800)

University: Boise State University, Team Name: Vantucky Stumptown Bridge Coalition

Team Members: Dayn Slaathaug, Anthony Ashby, Matt Wildhagen

Judge's Choice (\$500)

University: Washington State University, Team Name: Bridge Committee

Team Members: Skyler Chaney, Jeff Collins, Chris Kilcup, Jake Saxon, Tyson Schlect

#### 2011 - Environmental Challenge

First Place (\$1500, plus sponsorship to attend ACE 2012 in San Antonio TX)

University: Boise State, Team Name: Cool Breezes Int.

Team Members: Seth Jaquith, Andrew Long, Nate Scott, and Robert Vercellino

Second Place (\$1000)

University: UBS (Boise), Team Name: Trash to Treasure Inc

Team Members: Christina Castillo, Cristina Walsworth, and Megan Smith

Third Place (\$500)

University: Montana Tech, Team Name: Fraser River Environmental Solutions

Team Members: Michelle Boyle, Corey Swisher, and William Taylor

Judge's Choice (\$250)

University: UBC, Team Name: Dic Schlauen Leute Consultancy

Team Members: Brian Just, Maryam Rezaei, Angela Yao, Jenna Keane, and Kathrin Lang

## 2010 - Environmental Challenge

First Place (\$2000, plus sponsorship to attend ACE 2011 in Orlando FL)

University: Montana Tech, Team Name: Wyse-Moran Consulting Team Members: Hattie Torgerson, Laura Jenkins, Gina Barry

Second Place (\$1000)

University: Boise State University, Team Name: Blivet Consulting

Team Members: Cari Books, Cara Forem, Wanda Smart, Dirk Waters, Kent Wright

Tie - Third Place (\$500)

University: Montana Tech, Team Name: COSA Consulting

Team Members: Adrianna Lundberg, Chris Atherly, Sally Bleck, Ouisha Toenyes

Tie - Third Place (\$500)

University: Washington State University, Team Name: Cougar Consulting Group Team Members: Nara Sin, Julie Bryant, Jerin Tilson, Justin Provolt, Isaac Reinholdt

#### 2009 - Environmental Challenge

First Place (\$1900)

University: WWU - Huxley College of the Environment, Team Name: SEEC Consulting

Team Members: Reid Haefer, Derek Schruhl, Matt Ferguson, Matthew Moroney

Second Place (\$1300)

University: WWU – Huxley College of the Environment, Team Name: Viking Consulting Team Members: Doug Naftz, Marissa Capito, Siobhan Sloan-Evans, Emily Duncanson

Third Place (\$900)

University: Washington State University, Team Name: Cougar Consultants

Team Members: Suzanne Cox, Chase Holton, Piper Marshall

Honorable Mention (\$500)

University: Montana Tech, Team Name: Lock Environmental

Team Members: Carly Dorshorst, Laura Moon, Kelsey Paul, Oisha Toenyes

#### 2008 - Environmental Challenge

First Place (\$2000)

University: Montana Tech, Team Name: Balance Energy Consulting, LLC

Team Members: Sean Dudley, Karen Gillespie, Amanda Richard, Kaitlyn Schlecht

Second Place (\$1250)

University: Boise State University, Team Name: World Energy Resolutions & Bio-Solutions

Team Members: Mark Close, Anne Holladay, Charles Hurlbert, Nancy Spinazzolo

Third Place (\$750)

University: Montana Tech

Team Name: The Air in Their Way

Team Members: Heidi Johnson, Jacqueline Janosko, Jason Hill, Adam Hein, Kelsey Paul

#### 2007 - Environmental Challenge

First Place (\$1,600)

University: WWU - Huxley College of the Environment, Team Name: ReVision Consultants

Team Members: Stacy Glenewinkel, Craig Biggs, Mackenzie Malloch, Andrew Ryan, Drew Hambleton

Second Place (\$1,000)

University: University of Washington, Team Name: Pungent Sound Consulting Team Members: Albert Chang, Joanna Ekrem, Haizhou Liu, Danielle Mills

Third Place (\$500)

University: WWU - Huxley College of the Environment, Team Name: Evergreen Environmental Enterprises

Team Members: Scott Shumway, Mitchell Olson, Casey Costello, Melody Feden

## 2006 - Environmental Challenge

First Place (\$1,600)

University: WWU – Huxley College of the Environment, Team Name: Pacific Consulting Team Members: Stacy Glenewinkel, Jamey Stoddard, David Van Dyke, Kyle Pieti

Second Place (\$1,000)

University: WWU - Huxley College of the Environment, Team Name: Vancouver Island Advisory Commission

Team Members: Aislin Muto, Kathleen Weinand, Kathryn Spaulding, Linda McGuiness

Third Place (\$600)

University: Montana Tech, Team Name: RENU Consulting

Team Members: John Cannon, Marissa Siemens, Amanda Richard, Mikel Siemens

Honorable Mention (\$400)

University: Montana Tech, Team Name: Team Conduction Team Members: Luke Roberts, James Thullbery, Christy Baril

Honorable Mention (\$400)

University: University of Regina, Team Name: EE3 Team Members: Li He, Xianghui Nie, Xiaudong Zhang

2005 - Environmental Challenge

First Place (\$1,500) - Four Corner Consulting, WWU - Huxley College of the Environment

Team: Orion Polinsky, Sandra Brozusky, Pete Lenaker, Chad Weldy

Second Place (\$1,000) – International Power Consultants, Montana Tech Team: Lexie Bianchi, John Cannon, Grant Rodway, Jedidiah Sugalski

Third Place (\$750) - Prospect International, Montana Tech

Team: Anna Carter, Laura Griffis, Mikel Siemens, Narven Osteen

Fourth Place (\$500) - VD Consulting, University of Montana

Team: Varadharajan Kailasam, Daniel Nielsen

Fifth Place (\$250) - Huxley Corps, Huxley College, Western Washington University

Team: Nathan Walker, Jamey Stoddard, Sara Pittenger, Adam Weisgerber

## 2004 - Environmental Challenge

First Place (\$1,500) - Trailblazing Consultants, Montana Tech (MT)

Team: Anna Carter, Grant Rodway, Gregory Mockos, Mikel Siemens, Steve Dent

Second Place (\$1,000) - Cheddar Consulting, Huxley College, Western Washington Univ. (WWU)

Team: Erin Moreland, Orion Polinsky, Steve Rybolt, Patricia Robert, Jillian Martin

Third Place (\$500) - SOLVE, Huxley College, Western Washington University (WWU)

Team: Chris Warner, Becky Rowland, Laura Sellens, Andrew Saunders

Honorable Mention (4-way tie, \$200 for each team)

Transplanted Alaska, University of Alaska-Anchorage (UAA)

Team: Kris Hadden, Mila Umanskaya, Tim Stout

Green Engineering, Montana Tech (MT)

Team: CJ Fisk, Jenelle Dalton, JR Sugalski, Kelly O'Rourke, Patty Carmicheal

Undaunted Consulting, Montana Tech (MT)

Team: Nick Brundin, Rich Labbe, Luke Roberts, Marika Henderson, Lexie Bianchi

Husky Development Group, University of Washington (UW)

Team: Michelle Newman, Lisette Terry

## 2003 - Mini-Challenge

First Place (\$500), University of Alaska-Anchorage (UAA)

Team: Jason Kintner, Calvin Sweeney

Second Place (\$300), University of Alaska-Anchorage (UAA) Team: Sara Hadden, Edda Mutter, Kris Hadden, Tim Stout

Third Place – 3-way tie, \$150 for each team

University of Washington (UW)

Team: Lisette Terry, Michelle Newman

Montana Tech (MT)

Team: Stephen Dent, Melody Madden, Sean Everett, Chris Murphy, Kyle Heitkamp

Montana Tech (MT)

Team: Jesse Woodward, Levi Jensen, Jason Park, Quintin Woirhaye, Rachel Roskelly

#### 2002 - Mini-Challenge

First Place (\$500), Montana Tech (MT)

Team: Trevor Taylor, Greg Kruzich, Andy Schell, Naveen Chennubhotla, Mike Hannigan

Second Place (\$300), Huxley College, Western Washington University (WWU)

Team: Jill Leonetti, Steve Rybolt, Karl Kruger

Third Place (\$200), Montana Tech (MT)

Team: Stephen Dent, Marika Henderson, Bill Henne, Lindsay Guzzo, Kyle Heitkamp