

Pacific Northwest International Section

PNWIS HISTORY AND AWARDS PROGRAM HISTORY

Presented at the PNWIS 2019 Annual Conference Butte, Montana October 23-25, 2019

PNWIS HISTORY AND AWARDS PROGRAM

Welcome to the 59th 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 cunningham.roylene@epa.gov or Laurel Peterson at leeterson@slrconsulting.com.

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

Location of Fast Finwig-Advising Annual Conferences						
<u>Year</u>	<u>Location</u>	General Chair	Technical Chair	<u>Dates</u>		
2019	Butte, MT	Kumar Ganesan	Montana Tech	Oct. 23-25		
2018	Nanaimo, BC	Mark Milner	Matt Dodd, Marco Wong	Nov. 6-9		
		Rob Dalyrmple	-			
2017	Boise, ID	Steve Cory	Troy Riecke, Mike Wirtz,	Nov. 1-3		
		•	Rick McCormick			
2016	Juneau, AK	Ann Danielson	Jennifer Richcreek, Catie Coursen,	Oct 5-7		
			Ann Mason, Laura Noland, Amy Pel-	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	Geoff Scott, Danielle Lenzini, &	Nov 6-9		
		Stacey Glenewinkel	Brian Eagle			
2011	Harrison Hot	Bob Smith	Julie Saxton, Greg Lipnickey, &	Nov 8-11		
	Springs, BC	Ken Stubbs	Warren McCormick			
2010	Missoula, MT	Tony Ward	Cal Loomis	Nov 2-5		
2009	Cle Elum, WA	Steve Van Slyke	Maggie Corbin	Nov 3-6		
		·	Roylene Cunningham			
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	Terry Nyman & Andrew Green	Nov 8-11		
		Ken Stubbs	• •			
2004	Portland, OR	Scott Freeburn	Dave Einolf & Kathi Futornick	Nov 3-5		
2003	Anchorage, AK	Denise Newbould	Al Bohn	Sept. 24-26		
	-	Beverley Williams	Scott Rose	•		
2002	Tacoma, WA	Dave Dornbush	Steve Van Slyke	Nov 6-8		
		Angela Hansen	,			
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	Candee Hatch & Merlyn Hough	Nov 4-6		
	-, -	John Cooper	, , , ,	Nov 12-14		
		•				

1997	Vancouver, BC	Kenneth Stubbs	Evan Jones & Elia Sterling	Nov 11-13
<u>Year</u>	<u>Location</u>	General Chair	Technical Chair	Dates
1996	Seattle, WA	Angela Blaisdell	Melissa McAfee, Connie Cox, &	Dec 11-13
4005	0	Kris Hansen	Armina Nolan	No. 45 47
1995	Spokane, WA	Eric Skelton	Kelle Vigeland, Donald Hurst, & Michele Pope	Nov 15-17
1994	Eugene, OR	Don Arkell	John Cooper	Nov 16-18
1993	Victoria, BC	Rob Dalrymple	Mike Williams	Nov 8-10
1992	Bellevue, WA	Jim Nolan	Naydene Maykut	Nov 11-13
1991	Kalispell, MT	Harold Robbins	Rod James	Dec 4-6
1990	Portland, OR	John Core	Wendy Sims	Nov 14-16
1989	Spokane, WA	Douglas Pottratz	Ronald Edgar	Nov 8-10
1988	Whistler, BC	Paul Beauchemin	Ken Stubbs	Nov 9-11
1987	Seattle, WA	John Thielke	Mike Ruby	Nov 8-10
1986	Eugene, OR	Don Arkell	Mike Pilat	Nov 19-21
1985	Calgary, AB	Elmer Berlie	Bill Ross	Nov 13-15
1984	Portland, OR	Bruce Snyder	John Kowalczyk	Nov 12-14
1983	Seattle, WA	George Hofer	John Thielke	Nov 16-18
1982	Vancouver, BC	Peter Sagert	Rick Wilson	Nov 15-17
1981	Spokane, WA	Fred Gray	Don Adams & Dagmar Cronn	Nov 2-4
1980	Yakima, WA	Bob Crossland	Hal Westberg	Nov 19-21
1979	Edmonton, AB	Serge Dobko	Gillian Earl	Nov 7-9
1978	Portland, OR	Ted Phillips	Norm Edmiston	Nov 8-10
1977	Spokane, WA	Fred Shiosaki	Don Adams & Bob Koppe	Nov 14-16
1976	Anchorage, AK	Richard Mikkelsen	Will Nelson	Sept 15-17
1975	Vancouver, WA	Andy Lynch	Al Chemlauskas	Nov 19-21
1974	Boise, ID	Al Eiguren	Mel Jackson	Nov 17-19
1973	Seattle, WA	Art Dammkoehler	August Rossano	Nov 28-30
1972	Eugene, OR	Verner Adkison	Oliver Morgan & Jim Leonard	Nov 15-17
1971	Calgary, AB	Joe Lukacs	Eric Tollefson & Serge Dobko	Nov 21-23
1970	Spokane, WA	Don Adams	Bob Koppe	Nov 16-18
1969	Portland, OR	Ed Taylor	Michael Roach	Nov 23-25
1968	Vancouver, BC	Frank Murray	Frank Terraglio	Nov 21-22
1967	Salem, OR	Howard Smith	Richard Boubel	Nov 8-10
1966	Seattle, WA	Don Benson	Don Adams	Nov 2-4
1965	Vancouver, BC*	Harold Zeh	August Rossano	Nov 2-4
1964	Portland, OR	Richard Hatchard	Richard Boubel	Nov 5-6
1963	Seattle, WA	Robert Stockman	Richard Hatchard	Nov 7-8
1962	Salem, OR*	Robert Stockman	Richard Hatchard	Oct 24-25
1961	Tacoma, WA**	Robert Stockman	Richard Hatchard & Vinton Bacon	

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

Acknowledgement of Past PNWIS-A&WMA Presidents

^{*} 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

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 an outstanding contribution to air and waste management in the PNWIS region and for a long and outstanding contribution to 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

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 Communications Team, Montana Tech 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 Alaska Chapter BC/Yukon Chapter Idaho Chapter Inland NW Chapter Montana Montana Tech Oregon Chapter Puget Sound Chapter University of Montana Vancouver Island Chapter 2018 - Moby Award Alaska Chapter BC/Yukon Chapter Idaho Chapter Oregon Chapter Puget Sound Chapter 2014 – 2018 - Eagle Award Vancouver Island Chapter 2018 - Moby Award Inland NW Chapter 2017 - Moby Award Alaska Chapter Idaho Chapter Montana Chapter Oregon Chapter **Puget Sound Chapter** Vancouver Island Chapter Montana Tech Student Chapter Univ. of Montana Student Chapter 2017 - Eagle Award BC/Yukon Chapter 2016 - Moby Award Alaska Chapter Montana Chapter Oregon Chapter Puget Sound Chapter Vancouver Island Chapter Montana Tech Student Chapter Univ. of Montana Student Chapter 2016 - Eagle Award BC/Yukon Chapter

Idaho Chapter

2015 - Moby Award

Puget Sound Chapter Montana Tech Student Chapter Univ. of Montana Student Chapter 2015 - Eagle Award Vancouver Island 2014 - Moby Award Alaska Chapter BC/Yukon Chapter Idaho Chapter Oregon Chapter **Puget Sound Chapter** Vancouver Island Chapter Huxley Student Chapter Univ. of Montana Student Chapter 2014 - Eagle Award Inland Chapter Moose Award Montana Chapter 2013 - Moby Award Alaska Chapter Idaho Chapter Montana Chapter Oregon Chapter Puget Sound Chapter Boise State Student Chapter Univ. of Montana Student Chapter 2013 - Eagle Award Idaho Chapter Vancouver Island Chapter Moose Award Inland Chapter Montana Tech Student Chapter 2012 - Moby Award Alaska Chapter BC/Yukon Chapter Oregon Chapter Puget Sound Chapter Boise State Student Chapter Univ. of Montana Student Chapter 2012 - Eagle Award Idaho Chapter Montana Chapter Vancouver Island Chapter 2011 - Moby Award BC/Yukon Chapter Montana Chapter

Alaska Chapter BC/Yukon Chapter Idaho Chapter Inland Chapter Oregon Chapter Montana Chapter Puget Sound Chapter Oregon Chapter PNWIS History and Awards Program

Willenberg-Hansen Chapter Recognition Program

2011 - Moby Award (continued) 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 Oregon Chapter Puget Sound Chapter

Vancouver Island Chapter
Univ. of Montana Student

Chapter2009 - 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

2007 – Eagle Award Idaho Chapter

2007 – Moose Award

Huxley Student Chapter

Vancouver Island 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 to 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 (Environmental Engineers of Montana Tech)

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

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

Steve Rybolt, Western Washington University, \$250 Carlo Pearson, Oregon Health Sciences University, \$175 Nicholas McEwen, U of W, \$100

Student Paper Awards

- 2003 Michelle Newman, U of W, \$250
 Marika Henderson, Montana Tech, \$175
 Kendra Zamzow, University of Nevada, \$100
 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

Certificates of Appreciation/Recognition

- 1998 Joe Johnson, The Boeing Company, for development of the PNWIS web site.
- 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 Roque 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
- 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
- 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

Bent Black Banana Award

- 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 Kim Marcus.

2019 - Environmental Challenge

First Place (\$1,500, plus sponsorship to attend and compete in the ECi at ACE 202019 in San Francisco, CA), University: Western Washington University, Team Name: Kulshan Environmental Team Members: Sarah Vanlandingham, Finn O'Hea, Madison Pongon, and Katie Knaub

Formatted: Font color: Auto

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)

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