

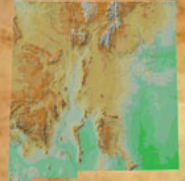


AIPG 53rd National Conference

Land of Geologic Confluences
and Cultural Crossroads



September 10-13, 2016



NM Bureau of Geology & Mineral Resources

AIPG Honors & Awards

Awards Luncheon & Awards Dinner



September 10 & 12, 2016

Drury Plaza Hotel

Santa Fe, New Mexico

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Thornton, CO 80241
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STUDENT CHAPTER OF THE YEAR AWARD

The purpose of the AIPG Student Chapter of the Year Award is to recognize the most outstanding student chapter for their participation in, and contribution to, the American Institute of Professional Geologists (AIPG). The award will consist of a plaque to be presented to the student chapter, a certificate to each of the officers of the chapter at the time of their submittal, a \$500.00 award for the chapter, and a trip for one member of the winning student chapter to the annual AIPG Conference and Executive Meetings. The student that attends the Annual Meeting will observe the organization and functions of AIPG and participate in the Executive Board meeting.

All AIPG student chapters are eligible to apply for the award. There is no limit on the number of times a student chapter may win the award. Only one chapter will receive the award per year.

The Student Chapter of the Year Award is administered by the Executive Committee of AIPG. The selection of the winning chapter will be decided by the AIPG Education Committee. The deadline for submittal of application materials for the Student Chapter of the Year Award, to AIPG National Headquarters, is April 15 of each year. The application should be submitted in an Adobe Acrobat pdf or similar format. The winning chapter will be announced at the beginning of the Fall Semester. The certificates will be presented to the students at one of their chapter meetings. The award and plaque will be presented to the Chapter delegate at the Annual Meeting of AIPG.

Details of submission requirements are available online at www.aipg.org.

2016 Recipient of the Student Chapter Award

Metropolitan State University of Denver
Denver, Colorado
AIPG Student Chapter Founded 2013

Chapter Sponsor: Tom Van Arsdale, CPG-11073

Faculty Sponsors: Drs. Uwe Kackstaetter and Barbara EchoHawk

Student Chapter Officers:

President - Jessica Davey, SA-4424

Vice President - Jaclyn Coulon, SA-6934

Secretary - Benjamin Eppley, SA-8024

Treasurer - Kevins O. Magouirk, SA-5674

Support Officer - Byron Clayton, SA-6947

Support Officer - Colin P. Lamb, SA-6965

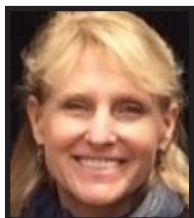
AIPG SECTION LEADERSHIP AWARD

The AIPG Section Leadership Award was established by the Executive Committee in 2013 to recognize one or more of our members who have demonstrated a long-term commitment and have been long-term contributors to AIPG at the section level. AIPG has many sections where one or more individuals have demonstrated exceptional leadership for their section and in many instances kept the section together and moving forward. These individuals are commonly not known at the National level or by AIPG members outside of their sections, however, their contributions have been vital to their sections and they perform this work because of their commitment to our profession and AIPG. The award will consist of a plaque (or similar) that will be presented to the awardees at the annual meeting of AIPG.

Based on the above criteria the Awards Committee may select multiple nominees for the award.

The AIPG Section Leadership Award is administered by the Executive Committee of AIPG. The selection of the winning member(s) will be decided by the AIPG Awards Committee. The deadline for submittal of nominees for the AIPG Section Leadership Award, to AIPG National Headquarters, is January 15 of each year.

Section Leadership Award Recipients



Anne M. Murray, CPG-11645 **Florida Section**

Anne Murray, PG, CPG-11645 has served the AIPG Florida Section in the following capacities, since 2011

- President (2012-Present)
- Webmaster (2012-Present)
- President-Elect (2011-2012)
- AIPG Section Delegate 2014

Anne Murray became President-elect of AIPG-FAPG in 2012. Since that time she has worked hard to implement several of the AIPG National initiatives, including:

- Establishing active student chapters at Florida State University, Florida Atlantic University, and the University of South Florida.
- The Florida Board of Geologists asked FAPG–AIPG to support a change in Florida’s legislation to include an In-training Program for Geologists allowing them to take the first part of the PG licensing test. Anne coordinated this effort between the Florida Board, AIPG-FAPG and FAPG’s lobbyist. The legislative effort was successful and we now have the in-training program.
- Anne has worked with the Kentucky section to bring their geologist-in-training prep class to Florida universities.
- Anne has worked on a project with the Florida Engineering Society (FES) to host a Winter Water Conference, in Tallahassee, Florida’s state capital. The purpose of the event is to increase collaboration between Florida’s geologists and engineers, who have a powerful

SECTION LEADERSHIP AWARD RECIPIENTS

legislative lobby. FES support will go a long way toward our success in the legislature.

She understands and builds on the important foundational role AIPG plays in protecting, enhancing and promoting the profession of geology in Florida. Her determination to achieve organizational goals has resulted in increasing engagement, most remarkably in the student sector; fostering enhanced membership communication through website management and re-established newsletter releases; elevating FAPG-AIPG's role to protect and grow the scope of geologic practice in legislature by working closely with FAPG's lobbyist; collaborating with other AIPG sections and state geological societies to organize meetings, fieldtrips, and workshops; and promoting networking of regional coordinators in their local areas.

Anne has shown long-term commitment to AIPG through her work and longevity on the Florida Section board and in her role as Section Delegate at national meetings. Her contributions have provided outstanding value and have inspired an exciting path forward for section membership with increased connectivity, opportunity, and committed professional support.

Nominated by: Helen V. Hickman, CPG-7535



Dawn L. Prell, CPG-11222 **Michigan Section**

Dawn has been a member of the Michigan Section since December 1998, regularly managing Michigan Section activities, advocating for the Section, increasing community and academic engagement, exhibiting high ethical standards, and generally leading by example at all times.

From the beginning, Dawn has brought her enthusiasm to the Michigan Section, and in 2007 she volunteered her technical expertise to serve as the Technical Program co-chair to our successful hosting of the National Meeting. Building on this success, Dawn served the Michigan Section as Secretary, Treasurer, Vice President, President, and Past President from 2008 through 2012. In 2013, our then-treasurer resigned suddenly for health reasons, and Dawn stepped in to serve a second tour through our Executive Committee. Dawn is currently serving on the Executive Committee as the past president and continues to make valuable contributions on the Planning Committee for our well attended, multi-day summer workshop.

Dawn's years of service have coincided with a time of steady financial growth and increased donations for our Section. Although our Section's success is attributed to many people, Dawn's leadership has been instrumental in helping us achieve all that we have. The Section is financially sound and providing scholarships and grants to elementary education and college students across Michigan. Our membership is strong with sustained membership and excellent attendance and participation at meetings and field trips. We have launched four AIPG Student Sections at Michigan universities and actively mentor and engage the students in Section activities. Dawn has spearheaded several efforts to provide grant money and scholarships to deserving groups.

SECTION LEADERSHIP AWARD RECIPIENTS

Dawn is a senior project manager at Golder Associates and has an excellent reputation among her peers, clients, and state regulators. She is widely viewed as being an excellent geologist who conducts herself in an ethical and trustworthy manner. Despite a busy professional schedule and the demands of family, she has always found time to give more to the Section when there was a need. She has also taken the time to mentor undergraduates in our student sections who have successfully entered our profession.

Dawn gives selflessly of her time and energy to help make the Michigan Section the active and successful organization it is today. We believe that Dawn embodies the spirit intended to be acknowledged by this award, and is well deserving of this recognition.

Nominated by: Brian Burke, CPG-10564 and Adam W. Heft, CPG-10265



Bruce D. Johnson, CPG-9364 **Minnesota Section**

Bruce has been a leader and supporter of the Minnesota Section for many years. He's done so much to keep our Section active and promote professional geology in Minnesota.

Bruce has been actively involved in the AIPG Minnesota Section for years. He's held almost every position within our section, but my favorite has been the Field Trip Committee! I've been on at least 3 fabulous field trips arranged by Bruce. He was heavily involved in planning and field trips when the Twin Cities hosted the AIPG Annual Meeting, which is when I started being a more active member. Bruce has helped organize at least 15 of our annual Spring Social events and many of our golf fundraising events. Bruce is very generous with his time volunteering. He's organized our student scholarship for years, has given numerous geology talks to students, and participated in several recent career panels at local universities. Bruce is an invaluable resource for the Minnesota Section!

Nominated by: Shanna A. Schmitt, CPG-11781



Alice C. Fuerst, CPG-7847 **Missouri Section**

Alice recently received her pin and certificate recognizing 25 years as a CPG, and has been a longstanding member of the Missouri Section Executive Committee, serving as Secretary/Treasurer. While I have only been with AIPG since 2013, and on the Missouri Section Executive Committee since 2014, that is sufficient time to recognize

just how important Alice is to the organization. She is, without hesitation, the most valuable member of the Executive Committee from year-to-year. Her meticulous record-keeping and knowledge/recollection of past Executive Committee activities streamline our meetings and keep us headed in the right direction. Alice devotes significant amounts of time every

SECTION LEADERSHIP AWARD RECIPIENTS

year to recruiting new Executive Committee members, and even more time ensuring that the new members get up-to-speed. The most recent example of Alice's leadership has been in the revision of the Missouri Section Bylaws. She singlehandedly prepared the drafts for Executive Committee and Section review and comment and worked closely with David Abbott to ensure that the proposed changes were acceptable per the National AIPG Bylaws. Without Alice, this effort would have never even gotten off of the ground. Alice has also been a strong advocate for involving students in Section activities and is currently assisting in the development of outreach materials for establishment of Missouri's first Student AIPG Chapter.

While the Missouri Section is far from the biggest or most active, it is very likely that it would have long ago ceased to exist were it not for Alice's hard work and dedication. Through her leadership, the Missouri Section has a fighting chance to regain former prowess.

Nominated by: Adam J. Rosenfelder, CPG-11632



Thomas F. Jenkins, CPG-7892 **Ohio Section**

Tom is currently serving the Ohio Section of AIPG as Past President. I have served on the Executive Committee of the Ohio Section for the past 7.5 years as a Member-At-Large, Treasurer, and President-Elect. Over my career I have had the pleasure to work directly with Tom on the Executive Committee of the Ohio Section and in a professional capacity since 1999. Through our interactions, I have witnessed Tom's unwavering and selfless dedication to AIPG and the geologic profession first hand.

To give a bit of history of Tom, he began his career in geology after graduating from Kent State University with a BS in science in 1978. Subsequent to obtaining his degree, Tom worked for 7 years as an exploration geologist in Nevada before returning home to obtain an MS in hydrogeology from Ohio University in 1987. For the past 29 years Tom has worked as a hydrogeologist in both consulting and in private industry. Through his career he has used his extensive knowledge and capabilities to assist clients on projects including, but not limited to, brownfield site assessments, water supply investigations, hydrogeologic investigations, gas station evaluation and clean ups, solid waste sites, and remedial sites.

Tom has been involved with the Ohio Section of AIPG for over 20 years. He joined the Ohio Section of AIPG as a Certified Professional Geologist in the 1990s. Highlights of his early involvement with AIPG included National Vice-Chairman for the AIPG Annual Meeting held in Columbus and hosted by the Ohio Section in 1996 and as the Ohio Section Newsletter Editor for over 10 years. Since 2012, Tom has reimmersed himself in AIPG, first as President-Elect, then with two terms as President in 2013 and 2015. As our current Past President, Tom has continued working towards growing the Section through membership efforts and the development of a future short-course to provide continuing education to members.

Through his work within the Ohio Section Tom has provided the Membership with a wide variety of opportunities to further their knowledge of geology in Ohio. Tom has strived to

SECTION LEADERSHIP AWARD RECIPIENTS

obtain both entertaining and informative guest speakers for Ohio Section meetings and has provided members with unique field trip opportunities including tours of unique features of Ohio's glacial and bedrock geology. At the AIPG National level, Tom has assisted with the organization of three AIPG National Shale Gas Conferences held in Ohio, using his extensive contacts to assist AIPG National with arranging vendors, guest speakers, and other conference details.

In conclusion, Tom has demonstrated a selfless dedication and commitment to the furthering of the profession and the Ohio Section of AIPG throughout his career.

Nominated by: Brent R. Smith, CPG-11130



Thomas V. Durkin, CPG-9138 **South Dakota Section**

Tom is a long-time member and leader of the South Dakota Section of AIPG, and he embodies the spirit, qualities and ideals that are recognized through this award. He has served in multiple officer positions in the South Dakota Section, and recently completed terms as President and Past President of the section. Perhaps even more significant are his many contributions to almost all section activities, and the support that he has shown for the section behind the scenes in numerous ways.

Tom is one of a small group of individuals who have been critical in maintaining and sustaining the South Dakota Section, particularly through a number of lean years when the section was struggling with a lack of participation from geoscientists who live and work in South Dakota. Thanks to Tom and a handful of other dedicated individuals, the South Dakota Section weathered those tough years, and has now grown into a healthy, active section, particularly with respect to student participation and outstanding field trips. A specific example of his many contributions is the AIPG South Dakota Section web page, which Tom single-handedly created and has continued to maintain for many years. Tom also routinely submits news items from the South Dakota Section for inclusion in *The Professional Geologist*, and he participates in almost every section field trip, meeting, or function of any kind, sometimes organizing them himself.

Another excellent example of Tom's contributions was his significant effort to bring together seven state and federal organizations to cooperate on the design, construction, and installation of a geologic roadside display along the route to Mount Rushmore in the Black Hills, providing geologic information to over two million potential viewers per year as they drive to the Shrine of Democracy. I also would like to mention that Tom is the Deputy Director of the South Dakota Space Grant Consortium, and in that position he performs numerous outreach events at museums, schools, and other venues in South Dakota, bringing science to the general public with a positive, fascinating flair and with wonderful charm and charisma.

Overall, I can't think of anyone who has done more for the AIPG South Dakota Section over many years and under many circumstances, or anyone who better exemplifies the high standards represented by the AIPG Section Leadership Award than Mr. Thomas V. Durkin.

Nominated by: J. Foster Sawyer, CPG-10000

PRESIDENTIAL CERTIFICATE OF MERIT RECIPIENTS

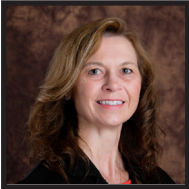
Helen V. Hickman, 2016 National President

Each year, the AIPG President may award one or more certificates of merit to individuals who, through dedicated and meritorious service, have made an outstanding contribution to the Institute.



R. Douglas Bartlett, CPG-08433

For supporting AIPG in a leadership role and with time and resources.



Wendy J. Davidson

For providing exemplary leadership and dedication to AIPG beyond that which is normally required of her position.



J. Foster Sawyer, CPG-10000

For demonstrating a superior level of service to AIPG under difficult and unusual circumstances.



William J. Siok, CPG-04773

For always having the very best interests of AIPG in every decision.



Daniel J. St. Germain, CPG-07858

For providing important insight to AIPG in the selection of a new Executive Director.



Lawrence C. Weber, CPG-07120

For providing important insight to AIPG in the selection of a new Executive Director.

2016 NATIONAL EXECUTIVE COMMITTEE



PRESIDENT
Helen V. Hickman, CPG-07535
Florida

PRESIDENT-ELECT
Adam W. Heft, CPG-10265
Michigan



PAST PRESIDENT
J. Foster Sawyer, CPG-10000
South Dakota

VICE PRESIDENT
David G. Pyles, CPG-07364
Illinois



SECRETARY
Keri A. Nutter, CPG-11579
Alaska

TREASURER
R. Douglas Bartlett, CPG-08433
Arizona



EDITOR
Jean M. Patota, CPG-11438
New York

ADVISORY BOARD REPRESENTATIVE
Jeffrey J. Frederick, CPG-10195
New York



ADVISORY BOARD REPRESENTATIVE
Kevin L. Gooding, CPG-10856
Hawaii

ADVISORY BOARD REPRESENTATIVE
Donald K. Lumm, CPG-08987
Kentucky



ADVISORY BOARD REPRESENTATIVE
Shanna A. Schmitt, CPG-11781
Minnesota

SCHOLARSHIP WINNERS & ANNUAL MEETING COMMITTEE

Scholarship Winners

AIPG National awarded thirteen \$1,000 scholarships to the following undergraduate students:

Julie Driebergen, Southern Illinois University
Melissa Luna, Central Connecticut State University
Kristina Butler, University of Alaska Anchorage
Sean Czarnecki, Angelo State University, TX
Katelyn Brower, Everett Community College, WA
Emilie Bowman, University of Texas
Anna Stanczyk, University of Alaska Anchorage
Aaron Ashley, University of West Georgia
Nam Pham, University of Tulsa, OK
Wesley Weisberg, Missouri State University
Casey Saup, The Ohio State University (Sponsored by the Ohio Section)
Brett Flessner, Michigan State University (Sponsored by the Michigan Section)
Anna Schuh, University of Arizona (Sponsored by the Arizona Section)

William J. Siok Graduate Scholarship of \$1,000 to Philipp Tesch, Texas A&M University.
Applications must be received by February 15th and are awarded in the month of May.

Annual Meeting Committee

John Sorrell, CPG-11366, Conference Co-Chair, President, NM Section
Susan von Gonten, CPG-10966, Conference Co-Chair, Treasurer, NM Section
Thomas Reynolds, CPG-11186, Conference Co-Chair

Planning Committee Members:

Laura Crossey	David McCraw
Magdalena Donahue, SA-5973	Steve Raugust, CPG-8586
Dave Groves, CPG-11456	Adam Read
John Hawley, CPG-2309	Shannon Williams, CPG-11818
Ray Irwin, CPG-4677	Kate Ziegler
Karl Karlstrom	

Thank you to the field trip leaders and the New Mexico Bureau of Geology & Mineral Resources Director and State Geologist, Matthew Rhoades, CPG-07837.

Without your dedication and hard work, this meeting would not be the same. Thanks also to our sponsors, exhibitors, and participating AIPG sections.

NATIONAL AWARDS

The American Institute of Professional Geologists (AIPG) has a history of effective and outstanding service to the profession of geology. From its beginning in 1963, the Institute has emphasized the role that professional geologists play in this fascinating, changing, and highly complex world in which we live.

In an Institute such as this, there are so many highly motivated geologists contributing to the profession, the Institute, the public, and the nations in which we live and work that the identification of a select few for particular awards is a monumental task. The continued success of the Honors and Awards Program is dependent on an accessible nominating process and a diligent screening of those nominated. This is done by the Honors and Awards Committee.

Currently, there are six honors bestowed by the Institute: Ben H. Parker Memorial Medal, Martin Van Couvering Memorial Award, John T. Galey, Sr., Memorial Public Service Award, Award of Honorary Membership, Outstanding Achievement Award, and Presidential Certificate of Merit.

Descriptions of the awards, past recipients, and the nomination forms can be found on the AIPG National website or contact the AIPG National Headquarters office.

Awards Deadlines

Nominations for awards, accompanied by a supporting statement, should be sent via mail (AIPG, 12000 Washington Street, Thornton, Colorado 80241-3134), fax (303-253-9220), or e-mail (aipg@aipg.org) to the AIPG National Headquarters by:

January 15 for National Awards

January 15 for Section Leadership Awards

April 15 for Student Chapter of the Year Award

AIPG Honors and Awards Committee

David G. Pyles, CPG-07364
Michael D. Lawless, CPG-09224
Samuel W. Gowan, CPG-07284
Dennis Pennington, CPG-04401
J. Todd McFarland, CPG-11348

BEN H. PARKER MEMORIAL MEDAL

The Ben H. Parker Memorial Medal is the Institute's most distinguished award. It was established by the Executive Committee in 1969 in posthumous honor of a truly great leader, who devoted much of his life to improve the quality of geology and geologists and the services they provide. The medal is awarded to individuals who have long records of distinguished and outstanding service to the profession.



The most important criterion for this medal is a continual record of contribution to the profession of geology. A wide variety of contributions can be considered, such as (a) the education and training of geologists, (b) professional development of geologists, (c) service to the Institute, (d) leadership in the surveillance of laws, rules, and regulations affecting geology, geologists, and the public, and (e) activity in local and regional affairs of geologists.

Past Recipients

Martin Van Couvering, 1969

Ian Campbell, 1970

Allen C. Tester, 1972

James Boyd, 1973

Jerry B. Newby, 1973

Linn Hoover, 1974

R. Dana Russell, 1976

Frank B. Conselman, 1977

John T. Galey, 1978

Howard E. Rothrock, 1980

Adolf U. Honkala, 1981

Henry H. Neel, 1982

John D. Haun, 1983

Robert L. Bates, 1984

M. O. Turner, 1985

Robert J. Weimer, 1986

Ernest K. Lehmann, 1987

Michel T. Halbouty, 1988

Peter T. Flawn, 1989

Grover E. Murray, 1990

Wayne A. Pettyjohn, 1991

Robert H. Dott, Jr., 1992

Daniel N. Miller, Jr., 1993

Frank W. Harrison, Jr., 1994

Donald L. Blackstone, 1995

William L. Fisher, 1996

Marcus E. Milling, Sr., 1997

Peter R. Rose, 1998

Charles J. Mankin, 1999

Russell G. Slayback, 2000

Susan M. Landon, 2001

Larry D. Woodfork, 2002

Richard J. Proctor, 2003

Thomas G. Fails, 2004

Kames W. Skehan, 2005

Robert R. Jordan, 2006

Madhurendu B. Kumer, 2007

Dennis Pennington, 2008

Robert H. Fakundiny, 2009

John W. Rold, 2010

Robert G. Font, 2011

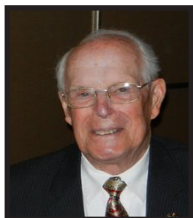
Richard M. Powers, 2012

Jonathan G. Price, 2013

William J. Siok, 2014

David M. Abbott, Jr., 2015

BEN H. PARKER MEMORIAL MEDAL



Vincent P. Amy, CPG-2035

The foundation for my future career in geology was set firmly in place while at Hofstra University. Drs. Durham and Andrews encouraged me to apply to the Graduate Geology program at Columbia University, where I was readily accepted in the fall of 1960. I was granted an assistantship and worked for Dr. Fred Donath, Professor of Structural Geology, assisting in setting up a high pressure rock-deformation lab.

In the spring of '61, I sought a summer job in the New York area. The Yellow Pages contained three possible employers. I wrote to all three; two replied, but one didn't have any openings. The remaining one, Geraghty & Miller, Consulting Ground Water Geologists (G&M), offered me a position as a field geologist. I started work in May 1961 as the firm's first full-time employee. I continued my course work for the Masters and received my degree in February 1963.

Ten years later, the firm promoted me to Executive Vice President. In 1974, I opened G&M's Palm Beach, Florida office and became involved in the design, permitting, construction, and testing of deep injection wells for the disposal of treated sewage effluent. Successful programs included those for the Cities of West Palm Beach and Fort Lauderdale, where systems capable of handling in excess of 30 million gallons per day were completed. I was involved in other injection well projects in California, Tennessee and Louisiana, including site selection, design, testing and litigation support. I participated in G&M projects for the US EPA's underground injection well program, involving technical support, and I am an author of an EPA guidance document on evaluating the mechanical integrity of injection wells.

In 1978 I was elected to the firm's Board of Directors, on which I served until I retired. I continued to manage the firm's Palm Beach office until 1984, when I was appointed President and Chief Operating Officer. In 1988 I was appointed Vice Chairman of the Board and served in this capacity until 1993 when I retired.

My professional work spans the gamut of applications of hydrogeology. I've conducted regional studies and ground water exploration and development programs, involving drilling and testing, seismic refraction, aquifer analysis, well and well-field design, and impact analysis. These projects were conducted in a variety of geologic settings throughout the New England states, the mid Atlantic, the Midwest, the South, the Caribbean, Colombia, and Spain. Work was done for municipalities, industrial clients, developers, and government agencies.

I've been an expert witness in geology and hydrogeology in trials and hearings dealing with ground water diversions, contamination, landfills, limestone mines, injection wells, real estate developments, class actions, and property condemnation. These activities included appearances in administrative hearings, circuit court, federal court, and the U.S. Court of Claims.

I've participated in landfill and solid waste programs for new and existing facilities, including site selection, test programs, permit applications, ground-water monitor system design, and sampling programs. I've been an expert witness in court and administrative hearings related to landfills and resource recovery facilities.

At one time I was registered, or licensed, as a professional geologist in seven states. Currently, I maintain my license in Florida. I am a Senior Fellow of the Geological Society of America, a Fellow of the Geological Society of London, and am listed in the 18th edition of Who's Who in the South and Southwest.

MARTIN VAN COUVERING MEMORIAL AWARD

The Martin Van Couvering Memorial Award was established by the Executive Committee in 1979 in posthumous honor of the first president of the Institute. Martin Van Couvering made the presidency a full-time occupation for the first two years of the Institute's history. His dynamic leadership, diplomacy, and organizational abilities established the solid foundation from which the Institute has grown. Few, if any, have given so much to the Institute.



The most important criterion for the Martin Van Couvering Memorial Award is service to the Institute. As in other awards, a wide variety of contributions to the Institute may be considered. By far the most important contribution a geologist can make to the Institute is that of time. It is the contributions by individuals to the Sections, the committees, and special projects that enable the Institute to enhance the practice of geology.

Past Recipients

Larry D. Woodfork, 1979

Harold L. Fothergill, 1980

Al Saterdal, 1981

James A. Wheeler, 1981

James R. Dunn, 1982

William A. Newton, 1983

Andrew G. Alpha, 1984

Russell R. Dutcher, 1985

Edward E. (Bud) Rue, 1986

Bobby J. Timmons, 1987

Charles J. Mankin, 1988

Stanley S. Johnson, 1989

Sam R. Evans, 1990

Richard J. Proctor, 1990

Susan M. Landon, 1991

Kenneth N. Weaver, 1992

Robert A. Northcutt, 1993

Daniel N. Miller, Jr., 1994

Russell G. Slayback, 1995

William V. Knight, 1996

Robert K. Merrill, 1997

David M. Abbott, Jr., 1998

Stephen M. Testa, 1999

Robert A. Levich, 2000

Thomas G. Fails, 2001

Madhurendu B. Kumar, 2002

Kelvin J. Buchanan, 2003

Robert H. Fakunding, 2004

Lawrence M. Austin, 2005

Richard M. Powers, 2006

Robert G. Corbett, 2007

Robert G. Font, 2008

Larry R. Rhodes, 2008

Daniel J. St. Germain, 2009

Ronald J. Wallace, 2010

Barbara H. Murphy, 2011

Mark W. Rogers, 2012

Robert A. Stewart, 2013

Lawrence C. Weber, 2014

James A. Jacobs, 2015

MARTIN VAN COVERING MEMORIAL AWARD



J. Foster Sawyer, CPG-10000

J. Foster Sawyer holds a Bachelor of Science degree in Geology from Furman University and Master of Science and Doctorate of Philosophy degrees in Geology and Geological Engineering from the South Dakota School of Mines & Technology. The early years of his career were devoted to geological and hydrological projects as a geologist and hydrologist with the South Dakota Geological Survey in the Black Hills region. Notable projects on which he worked included serving as co-author for the Geologic Map of South Dakota, performing source water assessments and vulnerability mapping for over five hundred public water supply systems in the Black Hills area, and supervising and participating in numerous hydrologic and geologic investigations in western South Dakota.

In 2008, Foster changed career paths and accepted a position as an Assistant Professor at the South Dakota School of Mines & Technology (SDSM&T) in Rapid City, SD, and in 2014 he was awarded tenure and promoted to Associate Professor at SDSM&T. During his time at both SDSM&T and the South Dakota Geological Survey he authored and co-authored over fifty articles, maps, and abstracts on a variety of geologic and hydrologic topics, and he served on the Board of Directors of the West Dakota Water Development District for twelve years. He also has traveled and worked frequently in Mongolia and participated in two paleontological expeditions to the Antarctic Peninsula.

At SDSM&T, Foster has worked to strengthen the petroleum related curricula, recently adding a new petroleum field camp and securing major donations of petroleum industry software and digital datasets for research and teaching. Another significant accomplishment while at SDSM&T is development and supervision of two STEM education programs for Native American students in collaboration with Tribal colleges in western South Dakota.

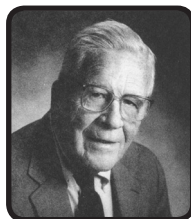
Foster also has received several awards over the course of his career as follows:

- Virginia Simpson Award for community service, 2016, South Dakota School of Mines & Technology
- 2016 Honorary Awardee, Rocky Mountain Federation of Mineralogical and Lapidary Societies
- Antarctic Service Medal, 2005, United States of America
- Geologist of the Year Award, 2004, AIPG South Dakota Section

Foster's interactions with AIPG have included serving as President of the AIPG South Dakota Section, Co-Chairing the 2012 AIPG National Annual Conference in Rapid City, South Dakota, and serving on the AIPG National Executive Committee from 2009-2016 as an Advisory Board Member, Secretary, Vice President, President Elect, President, and Past President.

JOHN T. GALEY, SR., MEMORIAL PUBLIC SERVICE AWARD

The Public Service Award was established by the Executive Committee, in 1982, in recognition of one of its primary purposes - service to the public. In 1992, it was renamed the John T. Galey, Sr., Memorial Public Service Award, in posthumous honor of our fourth President, whose long professional career was a continuum of service to both the geological and the general public. This recognition is important because so many members have distinguished themselves and the Institute by giving expert testimony to governmental units, by serving on governmental commissions and committees, and by providing geological expertise where it was needed by the public at large.



Past Recipients

Arthur O. Spaulding, 1983

Allen F. Agnew, 1984

William L. Fisher, 1985

Frank E. Kottlowski, 1986

Cliff J. Nolte, 1987

Russell G. Wayland, 1988

Elisabeth G. Newton, 1989

Linda E. Okland, 1990

Meredith E. "Buzz" Ostrom, 1991

Robert R. Jordan, 1992

Robert H. Fakundiny, 1993

Morris W. "Brud" Leighton, 1994

Edward B. Nuhfer, 1995

John W. Rold, 1996

James E. Slosson, 1997

Kathleen M. F. Benedetto, 1998

Jonathan G. Price, 1999

James H. Williams, 2000

John J. Dragonetti, 2001

Thomas M. Berg, 2002

Vicki Cowart, 2003

Margaret H. Dunn, 2004

John G. Parrish, 2005

Richard M. Lane, 2006

Ivan K. "Tex" Gilmore, 2007

M. Lee Allison, 2008

Patrick P. Leahy, 2009

James F. Howard, 2010

James R. Burnell, 2012

Scott W. Tinker, 2013

JOHN T. GALEY, SR., MEMORIAL PUBLIC SERVICE AWARD



Logan T. MacMillan, CPG-4560

Logan MacMillan received Bachelor of Science and Masters of Science degrees in Geologic Engineering & Geology, respectively, from Colorado School of Mines in the early 1970s, and an MBA from University of Colorado Denver following the crude oil crash of 1986. He was exposed to public service by a number of the faculty at CSM, known at that time as ‘The World’s Foremost School of Mineral Engineering.’ Prominent among the voluntary efforts of the

faculty were appointments made by the Governor to the state’s regulatory agencies, like those of Dr. John D. Haun, professor of petroleum geology, who was appointed to the state’s Oil and Gas Conservation Commission in the 1970s. Professor Haun has served as a mentor for many successful students through his contributions to the professional societies, his teachings, and his contributions to society as a whole.

Logan defines his work experience in three sections: Early Employment (1974 – 1986), Consulting (1986 – 2006), and Late Employment (2006 – 2012). From 1974 to April 1986, he was employed as a petroleum geologist for Amoco Production Company; Petroleum, Inc.; Kerr & Associates; Bass Enterprises Production Company; and Axem Resources. Logan joined AIPG in 1979. The 1986 crude oil price crash was a defining moment; life as an employee with a paycheck was shifted to the rear-view mirror until 2006, when employment and a paycheck again ruled the day. During those years he worked as a consulting petroleum geologist and independent after a brief stint with Apache Corp as an employee in 1988. He greatly appreciates individual companies who kindly offered employment, benefits, training, and access to capital. From 2006 to 2012, Logan worked for Western Gas Resources, which merged into Anadarko Petroleum Corp.

Logan’s involvement with professional societies started while at CSM and was enhanced by volunteer activities through AIPG, among others, from early employment and continues today. He became a member of Tau Beta Pi, Engineering Honor Society, in 1973 and of Sigma Xi, The Scientific Research Society, in 1975. In 1992, Logan was appointed by Governor Roy Romer to the Colorado Oil & Gas Conservation Commission, where he served until 1997. He has been an active member of, in some cases held leadership positions in, and received awards for public service to AIPG, the Rocky Mountain Association of Geologists (RMAG), Denver Desk & Derrick (DDD), and the American Association of Petroleum Geologists (AAPG).

Post-work activities might be considered by some as ‘retirement.’ Starting in a rather leisurely fashion, Logan returned to a challenge offered by one of those CSM profs way back in undergrad days – ‘learn the geology of where you live.’ He has been – back in Jefferson County, CO – where Mines is. With recent publications from Colorado’s state agencies assisting in his own recent publications, Logan has been impressed with the possible resource potential underlying the greater Denver-metro area. Who owns the mineral estate? Why isn’t it being developed?

AIPG 2016 AWARD OF HONORARY MEMBERSHIP

For the first time in its history, AIPG in 1984 conferred Honorary Membership on one of its most distinguished and illustrious members. This special honor, provided for in the Institute's Constitution and Bylaws, had long been available but had never before been granted. The most important criterion for this award is an exemplary record of distinguished service to the profession and to the Institute.

Past Recipients

Grover E. Murray, 1984

L. L. Sloss, 1985

Ross L. Shipman, 1986

Edward C. Dapples, 1986

Doris M. Curtis, 1987

Wallace B. Howe, 1988

Robert R. Berg, 1988

Edward E. Rue, 1989

Mason L. Hill, 1990

Konrad B. Krauskopf, 1991

Sam R. Evans, 1992

Richard J. Proctor, 1992

Elisabeth G. Newton, 1993

John Shanklin, 1993

Richard A. Fox, 1994

Ralph J. Bernhagen, 1995

Robert R. Jordan, 1996

Charles J. Mankin, 1996

Adolf U. Honkala, 1997

Ernest K. Lehmann, 1997

Robert A. Northcutt, 1998

William C. Gussow, 1998

John D. Haun, 1998

William A. Newton, 1999

Larry D. Woodfork, 1999

Travis H. Hughes, 2000

William V. Knight, 2001

Michel T. Halbouty, 2002

John W. Rold, 2002

Roy J. Shlemon, 2002

Charles Wm. Dimmick, 2003

Willard P. Fuller, Jr., 2004

Rex Monahan, 2005

Richard H. Young, 2005

David M. Abbott, Jr., 2006

Myrna M. Killey, 2006

Robert H. Fakundiny, 2007

Barbara H. Murphy, 2008

Stephen M. Testa, 2009

Lawrence M. Austin, 2010

James A. Jacobs, 2011

John L. Bognar, 2012

William J. Siok, 2013

Richard L. Nielsen, 2014

Dennis Pennington, 2015

AIPG 2016 AWARD OF HONORARY MEMBERSHIP



Lawrence A. Cerrillo, CPG-2763

Larry was born and raised in Syracuse, NY. He enlisted in the Army after high school and was discharged in Fairbanks, Alaska. He attended the University of Alaska for two years with the intent of becoming a mechanical engineer. An elective course in physical geology that entailed a field trip on a glacier changed his career direction. Larry went on to complete a BS in geology at Syracuse University and an MS in hydrogeology at Colorado State University.

Larry spent his early working years with the US Geological Survey Water Resources Division and then went into consulting with Geraghty & Miller on Long Island, NY. His career moved him through numerous consulting firms as principal investigator, project manager, and branch manager. He has worked in 15 plus countries such as Indonesia, Somalia, Pakistan, Sri Lanka, and Mongolia. The highlight of Larry's career was being able to see the smiling faces of folks in developing countries receiving fresh water. His work on ground water contamination investigations and on superfund projects, such as Love Canal, Rocky Mt. Arsenal, and Fort Riley, KS, paled in comparison.

Larry is formally trained in environmental and public policy dispute resolution, and has numerous certificates of study in dispute resolution; including a Certificate of Advanced Study in Dispute Resolution from the University of Denver. Since 1998, he has been working as a mediator and volunteering with schools and groups doing restorative justice with youth. As a mediator, he has worked on well over one hundred cases, involving everything from "barking neighbors" to ground water issues.

Larry was a principal organizer and first president of the Colorado Groundwater Association, a past State and National president of the American Institute of Professional Geologists, and a past and current member of boards and committees dealing with groundwater and public policy issues.

AIPG 2016 OUTSTANDING ACHIEVEMENT AWARD

The Outstanding Achievement Award was established by the 1989 Executive Committee to honor a non-member of AIPG who is widely recognized as a major contributor to the profession of geology. The award is not necessarily given annually, but only when the Awards Committee recommends an outstanding candidate to the Executive Committee for their consideration.

Past Recipients

Stephen Jay Gould, 1989

Ron Redfern, 1995

John McPhee, 1997

Julie A. Jackson, 1999

Charles “Chip” Groat, 2003

Samuel S. Adams, 2004

Thomas W. Dibblee, Jr., 2005

A. F. “Fred” Spilhaus, Jr., 2009

Simon Winchester, 2014

Karl E. Karlstrom, 2015

Laura J. Crossey, 2015

AIPG 2016 OUTSTANDING ACHIEVEMENT AWARD



P. Patrick Leahy, CPG-10507

Dr. Leahy was born in Troy, New York. He holds undergraduate and graduate degrees in geology (1968) and geophysics (1970) from Boston College. He received his doctorate in geology (1979) from Rensselaer Polytechnic Institute where he specialized in regional ground-water studies and hydraulics. Dr. Leahy worked for the U.S. Geological Survey for 33 years, serving in various technical and managerial positions. He authored or co-authored more than 80 publications on a wide array of earth-science topics. In 2005-2006, Dr. Leahy served as acting Director of the U.S. Geological Survey. He concurrently

served as Chair of the Civil Applications Committee, a multi-agency consortium tasked to enable the use of classified assets for civilian purposes.

Prior to his current position, Dr. Leahy served as Associate Director for Geology of the U.S. Geological Survey, where he had responsibility for Federal basic earth science programs, which include worldwide earthquake hazards monitoring and research, geologic mapping of land and seafloor resources, volcano and landslide hazards, and assessments of energy and mineral resources. In March of 2007, he was named Executive Director of the American Geosciences Institute (AGI). Since 2014, he has also served as interim Executive Director of the American Geosciences Institute Foundation. He is both a certified professional hydrogeologist (HG-952) and professional geologist (CPG-10507).

Dr. Leahy is a Fellow and Trustee of the Geological Society of America and a member of the American Geophysical Union, the American Institute of Hydrology (Former President), International Association of Hydrogeologists (Former U.S. President), Sigma Xi, the American Association for the Advancement of Science, the American Association of Petroleum Geologists, the National Ground Water Association, and the Geological Society of Washington. He is a former board member of GeoScienceWorld. Dr. Leahy is also a Commissioner for the United States Commission for the United Nations Educational, Scientific and Cultural Organization (UNESCO). He has testified before the U.S. Congress on more than 30 occasions on a variety of geosciences topics. He serves as an expert advisor to the U. S. Senate on mineral resource issues and he serves as chair of the Mineral Science and Information Coalition to educate federal policymakers on the importance of mineral research and information.

Dr. Leahy was the recipient of the 1996 Department of the Interior Meritorious Service Award, and the 2006 Department of Interior Distinguished Service Award, and he was recognized by President George W. Bush in 2003 with a Meritorious Senior Executive Award and again in 2007 as a Distinguished Senior Executive. Dr. Leahy received the Khan Medal (the highest award for a non-Afghan citizen awarded by Afghanistan) from President Hamed Karzai. In 2005, He visited Afghanistan and met with the King and Vice President of Afghanistan to discuss mineral, energy, water and geologic hazard issues.

He was the recipient of the 2009 John T. Galey, Sr., Memorial Public Service Award from the American Institute of Professional Geologists (AIPG). From 2008-2011, Dr. Leahy served as a judge for the National Engineering Excellence Awards. He also has received recognitions from the International Council of Scientific Union and the World Meteorological Organization for his efforts in support of the International Polar Year. His contributions have also been recognized by the National Association of Black Geoscientists, the Association of Environmental and Engineering Geologists, the American Association of State Geologists, the Heinz Center (for his contributions to producing the first 'State of the Nation's Ecosystems' report) and the AIPG, Ohio State Section.

IN MEMORIAM

William V. Knight, CPG-00153 **Charter Member and Past Executive Director**



William ‘Bill’ Knight, CPG-153, passed away October 7, 2015 in Tulsa, Oklahoma. Bill was born May 23, 1927 in Moundville, West Virginia, to Marion E. Knight and Alma Bonar Knight. He served in the US Coast Guard in 1945 until the end of World War II. He attended the University of West Virginia and then joined the US Army, served in Korea, and honorably discharged in 1948. Bill attended Ohio State University receiving a BS in Geology in 1951. He received a Masters in Geology in 1968 and served as an adjunct professor at the University of Tulsa. Bill worked in the oil business in Texas, Wyoming, Kansas, and

Oklahoma until 1989, when he moved to Colorado to become Executive Director of the American Institute of Professional Geologists. He retired in 1999 and returned to Tulsa.



M. Lee Allison, MEM-0328 **Arizona State Geologist**



Dr. M. Lee Allison, State Geologist and Director of the Arizona Geological Survey, passed away August 16, 2016 in Tucson, Arizona. He held a BA (University of California, Riverside), MS (San Diego State University), and PhD (University of Massachusetts, Amherst) degrees in geology. He was active in science policy and public policy, especially related to natural resources, geologic hazards, and public engagement. He had extensive experience in petroleum and geothermal exploration throughout the U.S.

Lee Allison was appointed State Geologist and Director of the Arizona Geological Survey in December, 2005. Previously, he served as State Geologist in Utah (1989-1999) and Kansas (1999-2004). During 2004-2005, he was Policy Advisor for Science and Energy to Governor Kathleen Sebelius of Kansas, and chaired the Kansas Energy Council from its inception in 2002 to 2005.

He received the Public Service Award of the American Association of Petroleum Geologists in 2002, the Tanya Atwater “Encourage” Award from the Association for Women Geoscientists for promoting the role of women in the profession, and the American Institute of Professional Geologists John T. Galey, Sr., Memorial Public Service Award in 2008.

-Arizona Geological Survey website

IN MEMORIAM

Member	Joined	Member Number	Address	Deceased
William J. Ford	1966	CPG-01213	Williams Bay, Wisconsin	January 7, 2015
Thomas L. Thompson	1967	CPG-01632	Boulder, Colorado	January 22, 2015
Edward S. Ryan	1978	CPG-04413	Orange Beach, Alabama	February 2, 2015
Robert W. Blair	2003	CPG-10779	Durango, Colorado	February 26, 2015
Bill J. Brooks**	1965	CPG-00555	Lawrence, Kansas	March 11, 2015
William H. Robbins	2007	CPG-11144	Lafayette, Louisiana	March 20, 2015
Albert L. Richardson	1972	CPG-02338	Bradenton, Florida	March 23, 2015
Dorinda K. Bair	2010	CPG-11352	Lakewood, Colorado	April 1, 2015
Willard E. Cox	1964	CPG-00321	Payson, Arizona	April 3, 2015
Stanley E. Norris	1968	CPG-01810	Grove City, Ohio	April 6, 2015
Graham R. Ford	1965	CPG-00933	Minneapolis, Minnesota	May 5, 2015
Patricia A. Lynn	1992	CPG-08860	Lakewood, Colorado	May 16, 2015
Peter W. Hummel	1971	CPG-02325	Reno, Nevada	July 25, 2015
M. Dean Kleinkopf**	1965	CPG-00593	Henderson, Nevada	August 1, 2015
James P. Walker	1968	CPG-01708	Oklahoma City, Oklahoma	August 24, 2015
Henry Barker	2012	MEM-1008	Sarasota, Florida	August 27, 2015
Alan D. Branham	2006	CPG-10979	East Helena, Montana	September 4, 2015
Ernest E. Cook	1976	CPG-03593	Houston, Texas	September 5, 2015
Thornton L. Neathery	1966	CPG-01243	Tuscaloosa, Alabama	October 4, 2015
Gerald V. Mendenhall	1965	CPG-00996	Midland, Texas	December 1, 2015
Robert Dale Frierson	2012	MEM-2304	Tallahassee, Florida	December 17, 2015
William Jay Stone	2012	MEM-2164	Alexandria, Virginia	January 5, 2016
Ben Donegan**	1965	CPG-00648	Albuquerque, New Mexico	January 27, 2016
Jay Glenn Marks**	1964	CPG-00048	Englewood, Colorado	March 28, 2016
Charles Weiner	1976	CPG-03218	Houston, Texas	April 6, 2016
Robert L. Wilson	1966	CPG-01151	Medford, Oregon	May 19, 2016

Charter Member**