



AIPG

2004

Honors and Awards

**Gideon Putnam Hotel
Saratoga Springs, New York
October 4, 2004**

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AIPG'S HONORS AND AWARDS PROGRAM

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.

AIPG 2004 HONORS AND AWARDS COMMITTEE

Members of the AIPG Honors and Awards Committee

Madhurendu B. Kumar, Chr.

Frank W. Harrison, Jr.

Robert K. Merrill

Robert A. Levich

James D. Shotwell

Michael D. Lawless

AIPG MISSION STATEMENT

The mission of the American Institute of Professional Geologists (AIPG) is to be the superior advocate for geology and geologists, to promote high standards of ethical conduct, and to support geologists in their continuing professional development.

January 20, 2001

REQUEST FOR NOMINATIONS

The 2005 AIPG Awards Committee is seeking nominations for future recipients. Nominations for these awards, accompanied by supporting statement, should be sent to AIPG Headquarters, c/o Honors and Awards, 1400 W. 122nd Avenue, Suite 250, Westminster, Colorado 80234.

Nomination form for 2005 AIPG Awards

(Please check one)

- Ben H. Parker Memorial Medal
- John T. Galey, Memorial Public Service Award
- Martin Van Couvering Memorial Award
- Award of Honorary Membership
- Outstanding Achievement Award

NAME OF CANDIDATE: _____

Address: _____

Address: _____

Phone: _____ Fax: _____

E-mail: _____

PERSON MAKING THE NOMINATION: _____

Address: _____

Address: _____

Phone: _____ Fax: _____

E-mail: _____

Signature: _____

Date: _____

Supporting Statement (In brief here, **please submit detailed letter of support**): _____

RETURN TO: AIPG, Attn: Awards, 1400 W. 122nd Ave., Suite 250,
Westminster, CO 80234. Ph. 303-412-6203, Fax: 303-253-9200
e-mail: aipg@aipg.org – www.aipg.org

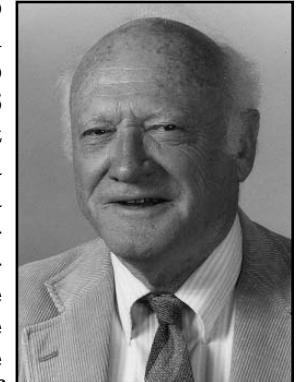
DEADLINE: Completed nominations must be received by
December 15, 2004.

Citation for
Willard P. Fuller, Jr., CPG-1680
2004 Recipient of the Award of
AIPG Honorary Membership
James F. Davis, CPG-833, Citationist

AIPG 2004
Annual Meeting Committee

Robert Stewart, General
Dan St. Germain, Financial Planning
Robert Blauvelt, Technical Program
Dennis McGrath, Fund Raising
Lance Mead, Field Trip
Craig Werle, Short Course
Dean Herrick, Registration
Robert Fakundiny, Guest Program
Jim Richert, Exhibit Booth
Laurie Scheuing, Evening Program
Tom Van Biersel, Academic Liaison
Jan Freedland, Web Master

I am gratified to have this opportunity to present the AIPG citation on behalf of Willard P. Fuller to receive the Honorary Membership Award in 2004. I have known Bill for over 26 years and as California State Geologist worked with him closely when he served as a prominent member of the State of California Mining and Geology Board. The Board is composed of gubernatorial appointees with staggered terms who administer certain of the mining regulations in the state and provide policy guidance on technical matters to the State Geologist and the Department of Conservation. Bill is a role model for provision of capable professional service to his employers, contributing time and knowledge in public service, serving our country during war and overcoming physical health challenges. This citation is an outline of the exemplary contributions he has made to his profession and to society.



Bill was born in Cambridge, Massachusetts which still is evident in his pleasant eastern Massachusetts twang. Nevertheless he is an urbane well traveled individual with extensive professional experience in many parts of our country, particularly in the West. He became interested in geology in his junior year in high school during a summer trip with the geologist of Atlantic Gypsum Products Company, which his father founded and managed, looking for mineral resources in Cape Breton, Newfoundland and Labrador.

At Harvard, Bill benefited from the courses taught by such professional giants as Kirtley Mather, Reginald Daly and Louis Graton. He served one summer as field assistant to the legendary structural geologist Marland Billings in the President's Range of New Hampshire and attended the University of Wyoming field camp in eastern Wyoming.

He undertook a Masters Degree program at California Institute of Technology in 1940 and 1941 where he further benefited from course

work with prominent geologists and geophysicists including Horace Fraser, Ian Campbell and Charles Richter. His MA thesis was a pioneering look at trace metals associated with gold using spectrometry in the Alleghany district of the Mother Lode in California. Bill also met and became engaged to his wife, Vera, who was on the support staff at CIT.

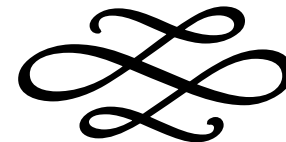
Bill began work as a geologist on the Basic Magnesium defense project operated by Anaconda Mining Company at the magnesite quarry at Gabbs Valley, Nevada. Bill then served for two years as the communications officer on a US Navy anti-submarine patrol craft operating in the Mariana Islands.

Following his return to civilian life in 1946, Bill worked for Anaconda at the Tintic silver-lead district in Utah where he served as assistant to the resident geologist. A short time later he became the lead geologist conducting surface and subsurface mapping and overseeing the company's block leasing program in the area. Bill was hired away from the Tintic district to become the geologist at the Sixteen to One Mine in the Alleghany gold district of California.

A new chapter of Bill's life began in 1952 when he contracted polio and spent many months in the hospital recuperating and having to learn to walk again. Although he eventually regained the capability of going underground again, Bill changed employment to the Calaveras Cement Company that operated a quarry and plant in the foothills of the Sierra Nevada at San Andreas, California. At that time the company was nearing the end of its cement rock proven reserves. Bill was very successful in his exploration efforts and the operation did not have to seek an additional production site for 17 years, until 1971. During his association with Calaveras Cement, it became the "cash cow" division of the Flintkote Company which acquired Calaveras and eventually Genstar which took over Flintkote. Bill expanded his industrial minerals exploration activities to other properties owned by the acquiring firms in Ohio, Kentucky, Nevada, Arizona, Utah and New York.

Bill retired in 1983 and still lives in San Andreas with his wife. Their two daughters and their families live nearby and his son lives in the Chicago metropolitan area. Bill feels his greatest professional satisfaction has come from his successful efforts at keeping his various employers optimally supplied with additional proven reserves at their preferred operating locations. He is also gratified by the personal relationships that he maintained with the managers and staffs of these companies.

*AIPG
thanks all
awardees, families, friends,
and members who have
made the
2004
Awards Banquet
a memorable
and successful event.*



**Past Recipients of
AIPG PRESIDENTIAL CERTIFICATE OF MERIT
(continued)**

Norman K. Olson	1990	Barbara H. Murphy	1997
William G. Weist, Jr.	1990	James D. Shotwell	1997
Frederick M. Beck	1991	Gary E. Van Guilder	1997
R. Steven Friberg	1991	John J. Dragonetti	1998
Ernest K. Lehmann	1991	Robert G. Font	1998
Robert A. Northcutt	1991	Dawn H. Garcia	1998
Gail Waggoner	1991	Gunnar Hultquist	1998
Logan T. MacMillan	1992	Madhurendu B. Kumar	1998
Russell G. Slayback	1992	William J. Siok	1998
Lawrence C. Weber	1992	David M. Abbott, Jr.	1999
Don E. Williams	1992	Eugene Aleshin	1999
Kathleen M. Benedetto	1993	Ronald E. Alexander	1999
Thomas Z. Jones	1993	Kelvin J. Buchanan	1999
Madhurendu B. Kumar	1993	L. Graham Closs	1999
Edward B. Nuhfer	1993	Robert M. Colpitts, Jr.	1999
Peter R. Rose	1993	Dean Feller	1999
David C. Scott	1993	Travis H. Hughes	1999
Larry C. Simpson	1993	William V. Knight	1999
Robert H. Fakundiny	1994	Manuel Regueiro	1999
Mark A. Osten	1994	James D. Shotwell	1999
Charles Wm. Dimmick	1994	Myrna M. Killey	2000
John L. Bognar	1994	Thomas M. Berg	2001
Stephen M. Testa	1994	Wendy J. Davidson	2001
Fred B."Ted" Mullin	1994	Thomas G. Fails	2001
Wendy J. Davidson	1994	James A. Jacobs	2001
Robert K. Merrill	1994	Catherine A. O'Keefe	2001
William V. Knight	1994	Ronald B. St. John	2001
Robert L. De Groot	1995	John H. Talley	2001
William G. Dixon, Jr.	1995	David M. Abbott, Jr.	2002
Thomas G. Fails	1995	J. David Applegate	2002
Thornton L. Neathery	1995	Thomas G. Fails	2002
Dennis T. Pennington	1995	John T. Howard	2002
Thomas M. Berg	1996	Robert A. Levich	2002
Wilgus B. Creath	1996	John H. Talley	2002
Thomas G. Fails	1996	John W. Hawley	2003
Margaret Kloska	1996	Virginia T. McLemore	2003
David G. Rensink	1996	Babtunde A. Oyelowo	2003
James H. Williams	1996	John H. Talley	2003
David M. Abbott, Jr.	1997	Lawrence D. Weber	2003
Robert N. Braunstein	1997		
Curtis J. Coe	1997		

Bill has made many important contributions to society. Among them, he and a number of associates successfully supported the candidacy of his long time friend, Ian Campbell to become California State Geologist in 1959. Bill has always enjoyed participation in the activities of regional and local sections of professional societies including AIPG and SME. He has also served as geologist in a number of public service roles. Among these I value his well-regarded efforts as a member of the State Mining and Geology Board. He provided crucial guidance to the Board's development of the regulations that were created to implement the precedent-setting Surface Mining and Reclamation Act of 1975. His leadership and insights came at a time at which they were vital. He was also a key member of the search committee of the Board that nominated me as California State Geologist, a position in which I served for 25 years, before my retirement in 2003. I greatly value my interactions with him in many ways such as the beginning of implementation of the Surface Mining and Reclamation Act. Bill's contributions to the California Geological Survey during his service as a Board member have been monumental in many ways.

Since retirement, Bill has continued to generously share his geologic insights in a variety of other ways through his local consulting work as well as teaching a course sponsored at the Columbia Junior College for 15 years. He continues to be a member of the Calaveras County Historical Society and has led efforts to husband the marvelous historical heritage of this fabled mining region. Bill and professor Limbaugh have published "Calaveras Gold" detailing Calaveras County's mining history. Bill continues to work on "Alleghany Gold" which he looks forward to publishing.

For all of these role model accomplishments, I submit this citation of Bill Fuller to be awarded Honorary Membership of AIPG in 2004!

*James F. Davis, CPG-833
Citationist*

Citation for
Margaret H. Dunn, CPG-7341
 2004 Recipient of the
AIPG John T. Galey, Sr.
Memorial Public Service Award
Cliff Denholm, Citationist

It is with great honor and pleasure that I provide this citation for Margaret H. Dunn, recipient of the 2004 John T. Galey, Sr. Memorial Public Service Award. Margaret has been a leader and mentor in the development, implementation, and evaluation of abandoned mine reclamation, passive treatment systems, and watershed restoration. Her relentless energy, selflessness, constant drive and perseverance to "Get It Done!" while involving young people to provide them with invaluable experiences and opportunities are just some of the many qualities that makes her an exceptional human being and deserving of this award.



Margaret has worked with the coal mining industry for over twenty-five years providing geologic services and addressing water quality issues. She is currently co-owner and president of BioMost Inc., a small consulting company and is the founder and president of Stream Restoration Incorporated, a nonprofit organization involved in the restoration of watersheds. Margaret is also currently president of the American Society of Mining and Reclamation.

Margaret realized that her experiences and knowledge gained through working with the mining industry could be beneficially used to restore watersheds impacted by pre-SMCRA mining. In 1992, she co-founded the Jennings Water Quality Improvement Coalition, which addressed polluted drainage from an abandoned drift mine at the Jennings Environmental Education Center in Butler County, PA.

Motivated by their success, Margaret and a handful of individuals from private industry, schools, governmental agencies, and local citizens formed the Slippery Rock Watershed Coalition (SRWC). Since 1994, the SRWC has constructed 15 passive treatment systems that are successfully treating over 750 million gallons of mine drainage

**AIPG PRESIDENTIAL
 CERTIFICATE OF MERIT**

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.

**Past Recipients of
 AIPG PRESIDENTIAL CERTIFICATE
 OF MERIT**

George H. Davis	1982	Rex B. Humphrey	1985
Russell R. Dutcher	1982	Robert Pendergast	1985
A. Gordon Everett	1982	William G. Murray	1985
Joseph F. Fritz	1982	Phyllis M. Garman	1987
John S. Fryberger	1982	Serge Gonzales	1986
John B. Gustavson	1982	Clayton H. Johnson	1986
Albert M. LaSala	1982	Allan J. Krause	1986
Gary E. Melickian	1982	Bill A. Street	1986
Edward B. Nuhfer	1982	James K. Vincent	1986
Arthur O. Spaulding	1982	William J. Gilliland	1987
Benton M. Wilmoth	1982	Raymond E. Irwin	1987
Richard M. Winar	1982	Stanley S. Johnson	1987
Allen F. Agnew	1983	Elisabeth G. Newton	1987
Donald F. Cardinal	1983	John C. Philley	1987
Randell T. Chew III	1983	Stephen M. Testa	1987
L. Luke Fournier	1983	John H. Dayvault	1988
Gene R. George	1983	R. Steven Friberg	1988
Travis H. Hughes	1983	John T. Galey, Jr.	1988
Gary E. Melickian	1983	Leroy Gatlin	1988
Elisabeth G. Newton	1983	Gary B. Glass	1988
William H. Park	1983	Stephanie V. Hrabar	1988
Ross L. Shipman	1983	Edward B. Nuhfer	1988
Derek B. Tatlock	1983	James E. O'Brien	1988
Bobby J. Timmons	1983	Larry R. Rhodes	1988
Russell G. Wayland	1983	John A. Taylor	1988
Kenneth N. Weaver	1984	Richard H. Young	1988
Alan M. Jacobs	1984	Serge Gonzales	1989
Stanley S. Johnson	1984	Daniel W. Hall	1989
Bruce H. Mason	1984	Fred B. "Ted" Mullin	1989
Richard P. Ortiz	1984	Robert A. Northcutt	1989
D. Theodore Clark	1985	Robert R. Jordan	1990
Stanley C. Grant	1985		

**Recipients of the
AIPG JOHN T. GALEY, SR.,
MEMORIAL PUBLIC SERVICE AWARD**

Arthur O. Spaulding	1983	Morris W. Leighton	1994
Allen F. Agnew	1984	Edward B. Nuhfer	1995
William L. Fisher	1985	John W. Rold	1996
Frank E. Kottlowski	1986	James E. Slosson	1997
Cliff J. Nolte	1987	Kathleen M.F. Benedetto	1998
Russell G. Wayland	1988	Jonathan G. Price	1999
Elisabeth G. Newton	1989	James H. Williams	2000
Linda E. Okland	1990	John J. Dragonetti	2001
Meredith E. Ostrom	1991	Thomas M. Berg	2002
Robert R. Jordan	1992	Vicki J. Cowart	2003
Robert H. Fakundiny	1993		

**AWARD OF AIPG
HONORARY MEMBERSHIP**

Since 1984, AIPG has conferred Honorary Membership to those who have an exemplary record of distinguished service to the profession and to the Institute.

**Recipients of the
AIPG HONORARY MEMBERSHIP**

Grover E. Murray	1984	Robert R. Jordan	1996
L. L. Sloss	1985	Charles J. Mankin	1996
Ross L. Shipman	1986	Adolf U. Honkala	1997
Edward C. Dapples	1986	Ernest K. Lehmann	1997
Doris M. Curtis	1987	Robert A. Northcutt	1998
Robert R. Berg	1988	William C. Gussow	1998
Edward E. Rue	1989	John D. Haun	1998
Mason L. Hill	1990	William A. Newton	1999
Konrad B. Krauskopf	1991	Larry D. Woodfork	1999
Sam R. Evans	1992	Travis H. Hughes	2000
Richard J. Proctor	1992	William V. Knight	2001
Elisabeth G. Newton	1993	Michel T. Halbouty	2002
John Shanklin	1993	John W. Rold	2002
Richard A. Fox	1994	Roy J. Shlemon	2002
Ralph J. Bernhagen	1995	Charles Wm. Dimmick	2003

each year. These systems are removing over 200 tons of metals and neutralizing over 335 tons of acidity annually from the Slippery Rock Creek Watershed, a public water supply. In addition, about 200 acres of abandoned mine lands have been reclaimed to productive farms or wildlife habitat, while over 10 acres of wetlands have been created. These efforts have resulted in an amazing improvement in 11 miles of stream and the observation of fish in six miles of stream, probably for the first time in over a century.

Margaret has also been focused on providing education/outreach opportunities to all who are interested in watershed restoration and passive treatment technology through field tours, symposiums, presentations, websites, a monthly newsletter *The Catalyst*, publications, wetland plantings, and internships. Margaret often speaks to a variety of audiences about coal mining, abandoned mine drainage, passive treatment systems and the value of public-private partnership efforts for environmental improvement. She encourages private industry, governmental agencies, environmentalists, and educators to set aside their differences, find common ground and work together in one concerted effort to restore watersheds. Margaret has also served as an expert witness in court cases and has provided testimony before the US House Subcommittee on Energy and Mineral Resources regarding the Abandoned Mine Land Fund.

Few people have the drive, will, and determination let alone the selflessness to not only dedicate their lives to a vision, but also to achieve it without monetary or political gain. Margaret Dunn however is one such person who strives to make a positive impact upon the world around her and to help others do the same. Margaret is a role model and an inspiration to those involved in stream/ecological restoration. Her motto "Get It Done!" is the epitome of her character and her achievements are the testimony to validate it. Congratulations on receiving this well-deserved award from AIPG.

*Cliff Denholm
Citationist*

Citation for
Robert H. Fakundiny, CPG-4977
 2004 Recipient of the
AIPG Martin Van Couvering
Memorial Award
Robert A. Levich, CPG-6477, Citationist

During 1963-1965, Martin Van Couvering served as AIPG's first President and devoted himself to establish the Institute on a solid foundation, by making the Presidency a full time occupation. His name is synonymous with dedication and service to AIPG and the effort to strengthen the geological sciences as a profession.



Dr. Robert H. Fakundiny, the 2004 Recipient of the Martin Van Couvering Memorial Award, has followed in Van Couvering's footsteps and has distinguished himself for service to the Institute and to the Geologic Profession. "Fak" is one our best-known professional peers, and has earned our respect as a scientist, a friend, and a human being. As his colleague and friend for more than 40 years, I am both deeply and sincerely honored to serve as Bob's Citationist.

Fak was awarded a Bachelor's from the University of California at Riverside in 1962, and in 1963 volunteered for the US Peace Corps. Assigned to Ghana, West Africa, he mapped Precambrian metamorphic and intrusive rocks for the Ghana Geological Survey; studies that evolved into a Master's degree at The University of Texas at Austin in 1967. In 1970, the University of Texas awarded him a Doctorate for his dissertation on structure and stratigraphy of central Honduras.

Fakundiny joined the New York State Geological Survey in 1971 and was appointed State Geologist and Chief in 1978, a position he held for 25 years, exceeded only by the legendary James Hall. He has served as adjunct professor at the State University of New York at Albany, and consulted for Dow Chemical Corporation and Los Alamos National Laboratory.

Bob has served as AIPG's National President, National Secretary, and Chair of the National Screening Board and the National Affairs

Recipients of the
AIPG MARTIN VAN COUVERING
MEMORIAL AWARD

Larry D. Woodfork	1979	Susan M. Landon	1991
Harold L. Fothergill	1980	Kenneth N. Weaver	1992
Al Saterdal	1981	Robert A. Northcutt	1993
James A. Wheeler	1981	Daniel N. Miller, Jr.	1994
James R. Dunn	1982	Russell G. Slayback	1995
William A. Newton	1983	William V. Knight	1996
Andrew G. Alpha	1984	Robert K. Merrill	1997
Russell R. Dutcher	1985	David M. Abbott, Jr.	1998
Edward E. (Bud) Rue	1986	Stephen M. Testa	1999
Bobby J. Timmons	1987	Robert A. Levich	2000
Charles J. Mankin	1988	Thomas G. Fails	2001
Stanley S. Johnson	1989	Madhurendu B. Kumar	2002
Sam R. Evans	1990	Kelvin J. Buchanan	2003
Richard J. Proctor	1990		

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

The American Institute of Professional Geologists' 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 profession and the general public.

Recognition of public service is important because so many Members have distinguished themselves and the Institute by giving expert testimony to governmental commissions and committees, and by providing geological expertise where it was needed by the public at large.

The application of geology to the needs of the general public may be in many different forms. Recipients of this award have outstanding records of public service on the national, state, or local level well beyond their normal professional responsibilities.

**Recipients of the AIPG
BEN H. PARKER MEMORIAL MEDAL**

Martin Van Couvering	1969	Ernest K. Lehmann	1987
Ian Campbell	1970	Michel T. Halbouty	1988
Allen C. Tester	1972	Peter T. Flawn	1989
James Boyd	1973	Grover E. Murray	1990
Jerry B. Newby	1973	Wayne A. Pettyjohn	1991
Linn Hoover	1974	Robert H. Dott, Jr.	1992
R. Dana Russell	1976	Daniel N. Miller, Jr.	1993
Frank B. Conselman	1977	Frank W. Harrison	1994
John T. Gale	1978	Donald Blackstone, Jr.	1995
Howard E. Rothrock	1980	William L. Fisher	1996
Robert R. Berg	1981	Marcus E. Milling, Sr.	1997
Adolf U. Honkala	1981	Peter R. Rose	1998
Henry H. Neel	1982	Charles J. Mankin	1999
John D. Haun	1983	Russell G. Slayback	2000
Robert L. Bates	1984	Susan M. Landon	2001
M. O. Turner	1985	Larry D. Woodfork	2002
Robert J. Weimer	1986	Richard J. Proctor	2003

**AIPG 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.

Committee. He is the incoming Secretary of the American Geologic Institute. Fak is a Fellow of the Geological Society of America, incoming Chair of GSA's Engineering Geology Division, and a member of GSA's Joint Technical Program and Professional Development Committees. He is also a Fellow of the Geological Association of Canada, Geological Society (London), New York Academy of Sciences, and the American Association for the Advancement of Science, and is a member of 20 other local, national, and international geologic societies.

Bob has been President of the Association of American State Geologists (AASG), Chair of the North American Commission on Stratigraphic Nomenclature, and Executive Director of the New York State Technical Advisory Committee on Seismic Hazards. He was the first Chair of GSA's Northeastern Section Public Policy Committee, Chair of the Ian Campbell Award Committee, served on the AASG committee that framed the National Cooperative Geologic Mapping Act that has provided more than \$250 million for geologic mapping, and Chaired the AASG Committee that reviewed the USGS National Radon in Cellars Study. Fak has been a member of more than 80 advisory boards and task forces for State and Federal agencies. He is on the editorial boards of three scientific and professional journals.

Fakundiny has authored ca. 200 scientific papers, reports, abstracts, articles, and reviews on structure and tectonics of New York State, geology of the Adirondack Mountains, landslides, mineral resources, land-use planning and siting nuclear facilities. His current research projects are in the Adirondack Mountains, and on a giant rock-block landslide south of Syracuse. He was principal editor of a special volume of Tectonophysics: *Neotectonics and Seismicity of the Eastern Great Lakes Basin*, and co-edited the AGU textbook: *Earth Science in the City: A Reader*.

Bob is a highly talented geoscientist, who has dedicated himself to improving the practice of geology, both as a scientist and an administrator. His ethics and professionalism are beyond reproach, and serve as a model for others to emulate. He is a great colleague, a wonderful friend, and is the very essence of the legacy of Martin Van Couvering.

*Robert A. Levich, CPG-6477
Citationist*

Citation for
Thomas G. Fails, CPG-3174
2004 Recipient of the
AIPG Ben H. Parker Memorial Medal

Susan M. Landon, CPG-4591, Citationist

Tom Fails is a successful petroleum geologist. He began his distinguished career with Shell Oil Company after receiving degrees from Colorado School of Mines and Columbia University. During his eleven years with Shell, he drilled three successful discoveries in the Gulf of Mexico (where his predecessors had not had success.) He has always been generous at providing assistance to his geologic colleagues and, in 1995, Tom, along with two coauthors, published a book on exploration and exploitation of diapiric structures in the Coastal Salt Basin of Louisiana and Texas. In 1967, Tom joined Trend Exploration in New Orleans but two years later, he was thrust into international exploration when the company moved him to London. It was there that he fully developed as an explorationist and learned how to be a successful, independent oilman. He continues to explore for oil and natural gas in the Gulf of Mexico and on several other continents.



Tom was active in professional and technical organizations from the beginning of his career. He began a distinguished record of service to AIPG in 1990. Initially, Tom's international interests spurred him to join the AIPG-sponsored People to People trip to the Soviet Union. We had hooked him and he has been a prize catch for the Institute since that initial experience. He began his first committee service to the Colorado Section in 1991. At that time, Tom and I had been appointed by the Governor to serve on the Colorado Geological Survey Advisory Committee. His interest in political activism through the Section initially focused on working toward a strong and well-run state geological survey. In 1993, Tom chaired the first Colorado Section AIPG Legislative Reception, a very successful event that continued this year with the 11th Annual Reception. He also conceived and was chair of the first Colorado Section AIPG Front Range

**AIPG 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.

**Recipients of the
AIPG OUTSTANDING ACHIEVEMENT AWARD**

Stephen Jay Gould	1989
Ron Redfern	1995
John McPhee	1997
Julie A. Jackson	1999
Charles "Chip" G. Groat	2003

**AIPG 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.

**Recipients of the
AIPG PRESIDENTIAL CERTIFICATE OF MERIT**

**Presented by
Robert G. Corbett, 2004 President**

Arthur E. Burford, CPG-4280 — In (posthumous) recognition of long-time and significant service on the Academic Education Committee.

Gary T. Dannemiller, CPG-5118 — In recognition of difficult personal decisions upholding the highest professional ethics.

Myrna M. Killey, CPG-6033 — In recognition of her leadership in the Illinois/Indiana Section and service at the National level.

Richard M. Powers, CPG-6765 — In recognition of highly effective leadership as 2003 AIPG President.

Mark W. Rogers, CPG-8926 — In recognition of important and successful efforts in establishing the Hawaii Section.

Collegiate Geology Student Day hosted by Colorado School of Mines in 1996. He has served five terms on the Section Executive Committee.

In 1995, Tom served on the Ad Hoc Committee for By-Laws and Policies Review for AIPG National. Three years later he was elected National President-Elect and served as President in 1999. He has worked to improve communication between National and Sections, improve our Annual Meetings, expand our relationships with international organizations, and to conceptualize and, with others, design a Continuing Professional Development program for AIPG. He chaired the Task Force on Continuing Professional Development from 1997 through 2002 and the program was adopted in 2002. In recognition of his tireless efforts for the Institute, Tom was awarded the Martin Van Couvering Memorial Award in 2001. Not one to rest on his laurels, Tom co-chaired the 2003 Annual Meeting in Glenwood Springs, Colorado. As his co-chair, it was my good fortune to work with Tom on a very successful (and fun) meeting. I will cherish the planning lunches we had in advance of the meeting. The lessons in exploration and stories about international adventures have been an added benefit to our friendship.

Tom has traveled far in the years since his birth in Ohio. He has grown even stronger since his days in the Marines. Oil and natural gas continue to have little success in eluding his search, although Tom would quickly admit to having drilled more than a few dry holes along the way. But most important, the profession of geology continues to benefit from his tireless service to the Institute; his surveillance of government actions affecting our community; and his ongoing activities in local, national, and international geological affairs. I am honored to call Tom Fails my friend and colleague.

*Susan M. Landon, CPG-4591
Citationist*

Citation for
Samuel S. Adams
2004 Recipient of the
Outstanding Achievement Award
Russell G. Slayback, CPG-2305, Citationist

The Outstanding Achievement Award is given only when an outstanding non-member candidate is proposed by the Honors and Awards Committee and approved by the Executive Committee. First given in 1989 to Stephen Jay Gould, it has since been awarded only three more times: to Ron Redfern, John McPhee and Julie Jackson for their outstanding contributions to the profession of geology.



I am privileged to offer the fifth recipient, who fully deserves to be in this elite company, Samuel S. Adams, a good friend and a truly amazing contributor to the science and profession of geology. Sam holds A.B. and M.A. degrees from Dartmouth and earned his Ph.D. from Harvard. He spent 24 years as an operating mine, exploration and consulting geologist, with major assignments in the western U.S., Canada, Australia, Mexico, Brazil, Argentina and on advisory projects worldwide. He served as Head and Professor of the Department of Geology and Geological Engineering at the Colorado School of Mines from 1986 to 1991. He demonstrated his versatility by 8 years as President of the Loon Mountain ski resort in Lincoln, New Hampshire until 1998, while continuing a vigorous schedule of work for his favorite geoscience societies.

These contributions to our field, while thoroughly worthy, are not why we honor Sam today. His outstanding achievements lie in his volunteer work for the betterment of the science and profession of geology, exceptionally productive work that makes Sam special. Throughout his career in industry and academia, Sam has been well known for his efforts to bring real-world work experiences to geoscience students.

I have known Sam since 1995, when he was President of the American Geological Institute and I had the good fortune to be on the Executive Committee as a member-at-large. We had an outstanding year that included the initiation of the EarthComm project, strengthening of the Government Affairs Program, and moving AGI into new

directions of educational programs on all fronts. His presidential year also marked a time of new and successful expansion of the activities of the AGI Foundation, so crucial to the success of AGI programs.

Sam made an outstanding contribution as Chair of the AGI 50th Anniversary Celebration, which was held at the National Academy of Science in 1998, was highlighted by an all-day symposium featuring the interactions of the geosciences with other sciences (including medicine) and engineering disciplines, and led to the founding of Earth Science Week. Since 2000, Sam has been Editor-in Chief of *Geotimes*, and has been the inspiration for the outstanding improvement of that magazine into the premier geoscience news magazine. Sam clearly believes his compass.

I know Sam chiefly through our interfaces at AGI, but his volunteer efforts go far beyond AGI. He has been a leader in the Geological Society of America, as a Counselor and member of numerous financial and policy committees. He is a member and past-president of the Society of Economic Geologists, and had served the American Association of Petroleum Geologists and the Society for Mining, Metallurgy and Exploration. He was appointed to two terms on the Board on Earth Sciences and Resources of the National Academy of Sciences where he was chair and co-chair of two Academy Panels to review the mineral resources programs of the U. S. Geological Survey and hardrock mining on federal lands. He has been an advisor to the National Science Foundation and the U. S. Geological Survey. Sam has been honored by the U. S. Geological Survey with the John Wesley Powell Award in 1998, by AGI with the William B. Heroy, Jr. Award in 2000, and by GSA with its Distinguished Service Award in 2003.

I would be remiss if I didn't take notice of Sam and Nancy Adam's contributions to any community they have lived in. They have both been extremely active in the New Hampshire chapter of the National Alliance for the Mentally Ill since 2000. A family tragedy led Sam and Nancy to lend their enormous energies in support of this search for cures for mental illness, and Sam has served since 2002 as its President.

The professional resume and publications list for Sam Adams are truly staggering to read and impossible to summarize. And yet they tell only half the story. The full measure of Sam Adams is the infectious enthusiasm and lightning quick and inventive mind that he brings to everything he does, and he inspires all who work with him to exceed their own expectations. He certainly has for me.

*Russell G. Slayback, CPG-2305
Citationist*