

*AIPG • AEG*  
*2001*



*Honors*  
*and*  
*Awards*



*Hyatt Regency Union Station*  
*St. Louis, Missouri*  
*October 4, 2001*





## PROGRAM

### Call to Order and Welcome

Robert H. Fakundiny, AIPG President  
R. Rexford Upp, AEG Past President

### Introductions

#### Annual Meeting Committee

John T. Howard, AIPG  
General Co-Chair,  
2001 Joint AIPG•AEG Annual Meeting

Lawrence C. Rosen, AEG  
General Co-Chair,  
2001 Joint AIPG•AEG Annual Meeting

*AIPG and AEG  
look forward to  
seeing you at  
the next joint  
Awards Banquet in  
Reno, Nevada  
September, 2002*

### Dinner

#### Presentation of AIPG Association Awards

Robert H. Fakundiny, President

#### AIPG President's Remarks

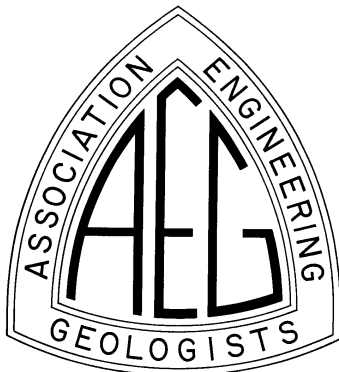
Robert H. Fakundiny, President

#### Presentation of AEG Association Awards

R. Rexford Upp, Past President

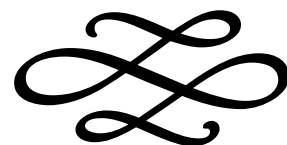
#### AEG's New President's Remarks

Myles A. Carter, President

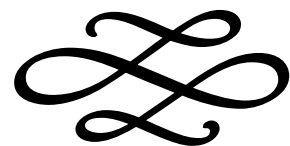


### Entertainment

Dixieland Band



*AIPG and AEG  
thank all  
awardees, family,  
friends, and  
members who have  
made the  
2001 Joint  
Awards Banquet  
a memorable  
and successful  
event.*



## AWARDS COMMITTEE

The Awards Committee is responsible for: a) the Claire P. Holdredge Award, which is given to an AEG Member who publishes a paper deemed to be an outstanding contribution to Engineering Geology; b) the Floyd T. Johnston Service Award, which recognizes outstanding service to the Association by a member to the Association; c) the Douglas R. Piteau Outstanding Young Member Award for exceptional achievement in Engineering Geology by an AEG member under 35 years of age.

The last three (3) living Past Presidents of the Association are on the Nominating Committee. The Nominating Committee screens candidates for election to Honorary Membership.

## AEG AWARDS COMMITTEE

William F. Cole, Chair of Awards Committee

R. Rexford Upp, 2001 President

Arthur H. Stuke, 2000 Past-President

James H. May, 1999 Past-President

John H. Peck, 1998 Past-President

Chester F. (Skip) Watts,

Student Member Coordinator

Kerry D. Cato, Editor of the Environmental & Engineering Geosciences Journal

Robert M. Valentine, President of Engineering Geology Foundation, 2001 Chair of the Engineering Geology Division of the Geological Society of America

## MISSION AND AIMS OF THE ASSOCIATION OF ENGINEERING GEOLOGISTS

The mission of AEG is to provide leadership in the development and application of geologic principles and knowledge to serve engineering, environmental, and public needs

The aims of the Association are to advance Engineering Geology and to: a) promote public safety and welfare; b) promote public understanding and acceptance of the field of Engineering Geology; c) establish and maintain high quality publications and high professional standards; d) monitor legal or other developments that would affect the profession of Engineering Geology, to provide information on their potential effect, and to provide an organization for concerted action when desired; e) provide for discussion of subjects and problems within the field of interest of the Engineering Geology profession; f) provide a medium for distribution of information and technical papers of interest to engineering geologists; and g) encourage all qualified individuals and organizations interested in furthering the field of Engineering Geology to apply for membership.

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Citation for  
**SUSAN M. LANDON, CPG-4591**

2001 Recipient of the  
**AIPG Ben H. Parker**

**Memorial Medal**

*Susan Steele Weir, AEG Past-President, PG-710,  
Citationist*

The American Institute of Professional Geologists (AIPG) has a history of effective and outstanding service to the profession of geology through its membership. The Ben H. Parker Memorial Medal is the AIPG's most distinguished award presented to one of these outstanding members. It was established in 1969 to honor Ben H. Parker, a truly great leader, who devoted much of his life to improve the



quality of geology and geologists and the services they provide. Susan M. Landon typifies the long-term continued leadership, dedication, distinguished outstanding service, and contributions to the geologic profession that is the Ben H. Parker Memorial Medal – 2001.

Susan M. Landon, born in Mattoon, Illinois, earned a B.A. in geology from Knox College in Galesburg, Illinois in 1972 and an M.A. in geology from the State University of New York—Binghamton in 1975. After receiving her master's degree, Susan joined the Amoco Production Company, Denver, Colorado, where she held various positions in exploration and development in the western United States, including the supervision of exploration groups in the Great Basin and Alaska. During this time, she was largely responsible for generating the play that resulted in drilling a well by Amoco to evaluate the mid-continent rift system in Iowa. In 1987, Susan moved to Houston with Amoco, where she became the geological training coordinator and later manager of exploration training. Her principal responsibilities included the development of curriculum to reflect changes in corporate strategy, budget, demographics and technical advancements. She was responsible for approximately 100 technical courses taught worldwide each year and for team teaching a course on fundamentals of petroleum geology for geophysicists and engineers.

In 1990, Susan returned to Denver, where she became an independent geologist with Thomasson Partner Associates. Currently at Thomasson Partner Associates, she is involved with oil and gas prospect generation and regional studies, as well as continuing to stay close to her love of teaching by presenting classes for oil and gas companies in the United States, Europe, Africa, and South America.

Susan's time, energy, and talents have been intensely dedicated to the AIPG through the years. She was certified in September 1979, President of AIPG in 1990,

**Past Recipients of the  
AEG FLOYD T. JOHNSTON  
SERVICE AWARD**

1984	Gordon E. Cordes
1986	Aubrey D. "Pete" Henley
1987	John B. Ivey
1988	Noel M. Ravneberg
1989	Richard W. Lemke
1991	Frank W. Wilson
1992	Norman R. Tilford
1993	Richard W. Galster
1994	Allen W. Hatheway
1995	Christopher C. Mathewson
1996	Edwin A. Blackey, Jr.
1997	Robert E. Tepel
1998	John W. Williams
1999	Susan Steele Weir
2000	Janet M. Mathewson

**AEG DOUGLAS R. PITEAU  
OUTSTANDING YOUNG  
MEMBER AWARD**

This award, established in 1985, is named in honor of Douglas R. Piteau, a deceased member of AEG who distinguished himself early in his career as an expert on landslides and rock slope stability. The award is presented to a Member or Associate Member who is age 35 or under and has excelled in the following areas: Technical Accomplishment, Service to the Association, and Service to the Engineering Geology Profession.

**Past Recipients of the  
AEG DOUGLAS R. PITEAU  
OUTSTANDING YOUNG  
MEMBER AWARD**

1986	Nicholas Sitar
1987	Robert A. Bauer
1988	Peter M. Hansen
1990	Charlene Mary Herbst
1991	William D. Flanigan
1992	Robert A. Hollingsworth
1993	Katherine T. Clemence
1994	Kerry D. Cato
1996	Jeffrey S. Neathery
1997	Paul Santi
1998	Daniel Scott Kieffer
1999	Courtney A. Christ
2000	Wendy A. Schell

## **AEG CLAIRE P. HOLDREDGE AWARD**

This award, first established in 1962, is presented in honor of Claire P. Holdredge, a founding member and the first president of AEG, for a publication by an AEG Member within the five previous years that is adjudged to be an outstanding contribution to the Engineering Geology profession.

## **Past Recipients of the AEG CLAIRE P. HOLDREDGE AWARD**

1965	George A. Kiersch
1967	F. Beach Leighton
1968	Lloyd B. Underwood
1970	J. F. Poland
1971	Manuel G. Bonilla
1972	George M. Hughes
1974	Robert F. Legget
1975	Frank Netterberg
1977	Shailer S. Philbrick
1978	David L. Royster
1979	Douglas R. Piteau
1980	A. B. A. Brink
1981	Christopher C. Mathewson
1983	David L. Royster
1984	Roy E. Hunt
1987	Perry H. Rahn
1988	Roy E. Hunt
1989	John T. McGill
1990	Robert B. Johnson
1990	Jerome V. DeGraff
1991	Richard W. Galster (and the Washington State Section)
1993	George Kiersch
1995	Bernard W. Pipkin
1995	Richard J. Proctor
1996	David J. Varnes
1997	A.. Keith Turner
1997	Robert L. Schuster
1998	Dr. Syed E. Hasan
1999	James P. McCalpin
2000	Dr. Frederick Gladstone Bell

## **AEG FLOYD T. JOHNSTON SERVICE AWARD**

The award, established in 1982 on the occasion of the retirement of Floyd T. Johnston, the first Executive Director of AEG, on AEG's twenty-fifth anniversary. The award is presented to a Member for outstanding active and faithful service to AEG over a minimum period of 9 years to coincide with Floyd T. Johnston's tenure as Executive Director.

received the Martin Van Couvering Memorial Award in 1991 and honored by receiving the Ben H. Parker Memorial Medal in 2001.

As President of AIPG in 1990, she naturally sought new challenges and innovative ways to serve the AIPG, innovative ways of operating in AIPG that now seem like standard procedure. Under her leadership, the Executive Committee implemented advertising in AIPG publications, approved a standing active committee on Education in Earth Sciences, approved an adhoc committee on Insurance for members, reactivated the standing committee on the Cooperative Evaluation of Geologic Departments, provided leadership as AIPG branched into the international arena, and was co-representative at the deliberations of the Court of Professional Geologic Organizations (CoPGO) to develop a national model registration bill for geologists.

In addition to the tremendous contributions she has made to AIPG, she has shared her time and talent with numerous other professional associations: 1) American Association of Petroleum Geologists (AAPG) Treasurer 1992-1994, Honorary Member 2000; 2) Rocky Mountain Association of Geologists (RMAG) Treasurer 1977, President 2001; and 3) American Geological Institute President 1999.

Service to professional organizations is focused on the geologic community; service to the public community in an advisory capacity to local, state and federal government touches many constituencies in order to provide geologic information and education. Even with the enormous commitment of time that Susan gives to the geologic profession directly, she is always actively involved with public service and education. From 1992-1997, she served as a member of the Board on Earth Sciences and Resources of the National Research Council. During that time, she was a member of the Board's Executive Committee and Committee on Earth Resources, which she currently chairs. As part of her service to this distinguished Board, she spent time briefing key individuals in the White House, the U.S. Senate, and the House of Representatives on the activities of the Board and its committees. Also, she was appointed by the Governor to the Colorado Geological Survey Advisory Committee (1992-1997), appointed by the Secretary of the Interior to the National Geologic Mapping Advisory Committee (1997-2000) and serves on the National Petroleum Council (1999-present).

Susan has contributed continuously to the benefit of the geosciences through her work in the profession, professional association leadership, teaching, and public service for 25 years. Her dedication and contributions consistently strengthen and forward the geologic profession and she has been an inspiration and role model to all that have worked with her. It is befitting that the AIPG present its highest honor, the Ben H. Parker Memorial Medal to Susan M. Landon.

Citation for  
**Thomas G. Fails, CPG-3174**  
 2001 Recipient of the  
**AIPG Martin Van Couvering**  
**Memorial Award**

*William V. Knight, CPG-153, Citationist*

The Martin Van Couvering Memorial Award honors those members who have given unstintingly of their time, talents and efforts to the Institute, in a manner reminiscent of its first President. Those few of us remaining who personally knew, remember and respect Martin have a special appreciation of what a tremendous honor it is to be deemed reminiscent of him.



The recipient this year is Thomas G. Fails. Like Martin, he has given much of his abilities and personal resources in service to the Institute. And, he has helped to prepare his Section and our Institute for the future by serving in a number of major capacities.

Tom grew up in Springfield, Ohio, served in the United States Marine Corps, studied Petroleum Engineering at The Ohio State University, earned a Geological Engineer degree from Colorado School of Mines, earned a Master of Arts in Geology from Columbia University. He has enjoyed a long, distinguished and successful geologic career.

From 1955 to 1966, he worked in New Orleans with Shell Oil Company, rising to a management position. In 1967, Tom opened the Trend Exploration, Ltd., office in New Orleans. He began European exploration in 1968, becoming Vice President for European Exploration in London in 1969, remaining there for six years. In 1975, Tom became an independent in Denver, concentrating on Gulf Coast and European prospects.

Tom is a Certified Petroleum Geologist of AAPG, a Fellow of the Geological Society of London, a member of the New Orleans Geological Society, Rocky Mountain Association of Geologists, the Petroleum Exploration Society of Great Britain and has been awarded the title of European Geologist by the European Federation of Geologists. He has published numerous papers on both salt dome geology and coal bed methane.

A few of his special contributions to AIPG deserve particular notice.

The Colorado Section presented him its Outstanding Service Award in 1991, 1993, 1996 and 2000. His Section services have been many, varied, extremely important and often highly innovative. Following are some examples of his service to the Colorado Section and to his State. In each, his constructive influence has been felt.

- Member, Colorado Section Governmental Relations Committee, 1991-94.,

**AEG HONORARY MEMBER**

AEG confers an honor of such high esteem that the distinction is recognized as a membership class: Honorary Member. This recognition is given to those persons whose careers have exemplified the ideals of AEG.

**Past Recipients of the  
 AEG HONORARY MEMBER**

1958	Claire P. Holdredge
1965	Ray C. Treasher
1969	Ray E. Marshall
1971	Robert F. Legget
1972	Edwin B. Eckel
1972	Ruth D. Terzaghi
1973	Ian Campbell
1974	William I. Gardner
1974	Bruce M. Hall
1976	Floyd T. Johnston
1976	Charles F. Richter
1977	Jasper L. Stuckey
1979	Howard A. Coombs
1979	Gordon B. Oakeshott
1980	Portland P. Fox
1980	Richard W. Lemke
1981	W. Harold Stuart
1983	Richard H. Jahns
1983	David J. Varnes
1984	Eugene B. Waggoner
1985	George A. Kiersch
1986	Alice S. Allen
1986	Shailer Philbrick
1987	Gordon W. Prescott
1988	Joseph F. Poland
1990	William R. Judd
1990	Harry F. Ferguson
1992	Don U. Deere
1992	Willard C. Lacy
1993	F. Beach Leighton
1994	Martin L. Stout
1994	Robert L. Schuster
1994	Lloyd B. Underwood
1995	James E. Slosson
1995	Douglas A. Williamson
1996	Aubrey D. "Pete" Henley
1996	Jasper L. Holland
1997	Anthony (Tony) Brink
1998	Norman R. Tilford
1998	Richard W. Galster
1999	Theodore R. Maynard
2000	Roy J. Shlemon



helped a number of graduating students job hunt. We believe she has been an outstanding industrial mentor to our student chapter. Also, she has been a great role model for all of our women students.

**AEG RICHARD H. JAHNS  
DISTINGUISHED LECTURER IN  
ENGINEERING GEOLOGY AWARD**

**2001 Recipient  
Perry H. Rahn**

The Richard H. Jahns Distinguished Lecturer in Engineering Geology Award, established with the Engineering Geology Division of the Geological Society of America, provides funding for a distinguished Engineering Geologist to present an annual series of lectures at academic institutions.

**AEG MARLIAVE SCHOLAR AWARD**

**2001 Recipient  
Wei Zhou**

The Marliave Scholarship is awarded to an outstanding student on the basis of demonstrated ability, scholarship, potential for contributions to the profession, character, and activities in student/professional societies.

**AEG NORMAN R. TILFORD FIELD  
STUDY SCHOLARSHIPS**

**2001 Recipients  
Cal A. Ruleman  
and  
Bonnie E. Phillips**

Cal A. Ruleman, Graduate, Montana State  
Bonnie E. Phillips, Undergraduate,  
Texas A&M University

- Chairman, Colorado Geological Survey Committee, 1991-94.
- Member, Colorado Section Advisory Board, 1993-94, 1997, 2000.
- Co-Chairman, First Colorado Legislative Reception, 1993.
- Chairman, Colorado Section Legislative Awards Committee, 1994.
- Member, 1995 National Annual Meeting Planning Committee.
- Chairman, Colorado-Wyoming Collegiate Student Day Committee, 1996.
- Member, State of Colorado Geological Survey Advisory Committee, 1991-94.
- Co-Chairman, 2003 National Annual Meeting Planning Committee.

National AIPG presented him its Presidential Certificate of Merit in 1995 and 1996. It had already put him to work. Following are some examples of his service to National, where his abilities and counsel have become highly regarded and prized.

- National Vice President, 1995.
- Member, AIPG Delegation to annual meetings of the Council of the European Federation of Geologists, 1998-2001.
- Member, Ad Hoc Committee for Bylaws and Policies Review, 1995-97.
- Chairman, State Affairs Committee, 1996-97.
- Convener/Moderator of the Political Relations Symposia, 1995 & 1996 Annual Meetings.
- Chairman, Task Force For Continued Professional Development, 1997-present.
- President-elect, 1998.
- President, 1999.

As the twenty-fourth recipient of the Martin Van Couvering Memorial Award, Thomas G. Falls exemplifies the ideals of ethics, scholarship, professionalism, dedication and service that I remember so well in Martin.

Citation for  
**John J. Dragonetti, CPG-2779**  
2001 Recipient of the  
**AIPG John T. Galey, Sr.**  
**Memorial Public Service Award**

*Robert H. Fakundiny, CPG-4977, Citationist*

The John T. Galey, Jr. Memorial Public Service Award was established by the American Institute of Professional Geologists to recognize exceptional service to the public at the national, state, and local level beyond normal professional responsibilities. John J. Dragonetti is this year's recipient for the extraordinary service he has given to the public and his fellow geologists throughout a distinguished career. It is an honor for me to be John's citationist for I have known and worked with him for most of my professional career and realize the skill and care he has used in carrying out the responsibilities of his posts.



John is a New Yorker; he was born in New York City, attended school in the Bronx, and received a Bachelor of Science degree in geology from Columbia University, where he also did graduate work. In the late 1960s John left graduate school to take a position with the New York State Department of Transportation, where he supervised survey crews for major construction projects and conducted resource evaluations for construction materials. Later he joined the Department of Environmental Conservation, where he headed the State programs related to the regulation of oil, gas, and solution mining, mined-land reclamation, and siting of liquefied natural-gas-storage facilities and eventually became the Chief of the Bureau of Mineral Resources. He was the principal author of the exceptionally well-balanced New York State Mined Land Reclamation Law and regulations, which has served the public's interest while allowing careful mining.

John left New York to join the U.S. Geological Survey in 1979 and manage the Western Region of the Survey's Conservation Division. He transferred to USGS Headquarters in Reston, VA., as Associate Chief of the Office of Earth Science Applications and later as Assistant Director for Intergovernmental Affairs, where he acted as liaison to the State Geological Surveys as well as many other State and Federal agencies when the Conservation Division was transferred to the Minerals Management Service. While at the USGS, Dragonetti earned a Master's Degree in Public Administration from the University of Southern California (USC) in 1990 and completed the coursework for a doctorate in Public Administration from USC as well.

After retiring from the USGS in 1995, John became Acting Director of the American Geological Institute's Government Affairs Program and built the solid foundation from which it now operates. He has continued as

**AEG DOUGLAS R. PITEAU**  
**OUTSTANDING YOUNG**  
**MEMBER AWARD**  
2001 Recipient  
**Margaret (Peggy) A. Ganse**

Peggy Ganse, is an active member of the Association, and has been involved with her local section in a leadership position for the past 4 years (currently serving as Section Chair). She has contributed her time and energy to serving the Association at both the local and national level in a manner deserving of this Award.



Peggy entered the Colorado School of Mines geological engineering graduate program with a BS in geology from a small liberal arts college. Her background was limited, but her enthusiasm for the subject was abundant. She was required to take a considerable amount of mathematics and basic engineering courses as deficiencies before she could take many graduate level courses in geology, geological engineering, and civil engineering. She did so with a very positive attitude and was very successful in picking up the basic engineering skills/knowledge. She was a pleasure to teach in all classes. She seemed to soak up the knowledge like a sponge and was eager to learn more. She did a lot of independent work on her thesis and required only an appropriate amount of supervision from her committee and advisor. Her work provided Boulder, Colorado Open Space with a successful wetlands treatment system for acid mine drainage from a coal mine. Her work was exceptional, and the resulting publication was in demand by many that wanted to copy her design.

As a student, Peggy was a shining example of what Academic's desire for graduate programs. Jerry D. Higgins, of the Colorado School of Mines, and also Peggy's thesis advisor, was so impressed with her that he gave her the highest recommendations to friends at Haley and Aldrich. She began work with that firm immediately after completion of her thesis. They have been so impressed with her that they are often calling to find out if he has another "Peggy" ready to go to work. They are obviously very pleased with her performance at the company.

The Rocky Mountain Section of AEG has also been very pleased (and proud) of her leadership in the Section. As a committee chair and Section Officer, Peggy has been a fireball. She is primarily responsible for organizing the strongest "Student Night" activities the RM Section has ever seen. She has also been very willing to share her time with students. She has returned to CSM to talk with freshmen and sophomores about careers in engineering geology many times. Her enthusiastic presentations are contagious. She addresses the Colorado School of Mines student chapter of AEG each year about careers, and has

which the Montreal Section organized a technical session on geotechnics. Luc assisted in the preparation and gave a technical talk on the Engineering Geology of Montreal.

Luc co-authored and edited *The Geology of Montreal, Province of Quebec, Canada*, paper in the *AEG Bulletin*, Vol. XXII, No.4, 1985. Recognized as an outstanding contribution to the engineering geology community, he shared the Thomas Roy Award, presented by the Canadian Geotechnical Society in 1986.

Luc has also devoted much of his energy serving on the Montreal Section executive. He was Section Chair from 1976-1978 and 1989 - 1991. When not serving as a full Section Officer he has been a Past-Chair, participating at all the section meetings imparting his sage advice to the incoming Section Officers.

In 1992 the Section created the Prix de Merite. This is awarded to members of the Section for their outstanding service to the Section. The award is given at the Annual Section Dinner, and not necessarily every year. The award was really created in recognition of Luc's contributions and he was the first Section Member to be presented the award.

After 33 years as a Member of AEG and the Montreal Section, Luc still continues to contribute his enthusiasm, time and energy to the Section activities, for which he is greatly appreciated and certainly a worthy nominee for the 2001 Floyd T. Johnson Service Award.

Senior Advisor to AGI and writes the bimonthly column on "Legislative Activities Affecting Geology" for AIPG's magazine, *The Professional Geologist*.

Among John's many honors are the I. C. White Memorial Award from the Eastern Section of the American Association of Petroleum Geologists for his support of the missions and goals of the State geological surveys within the Appalachian Basin. He also was the recipient of the New York State Department of Environmental Conservation Superior Service Citation in 1979, and the U.S. Department of Interior's Meritorious Service Award in 1988.

John Dragonetti is noted for the attention and help he has given to State geological surveys across the Nation and to his colleagues in AIPG, the Geological Society of America, the Society of Mining Engineers of the American Institute of Mining Engineers, and the History of Earth Sciences Society. He has always listened carefully, then acted swiftly to aid his fellow geologists and their causes. John J. Dragonetti has worked across the spectrum of governmental and professional geological activities and continues to serve with the professionalism that the John T. Galey, Sr. Memorial Professional Service Award honors.

Citation for  
**William V. Knight, CPG-153**  
2001 Recipient of the Award of  
**AIPG Honorary Membership**

*Charles J. Mankin, CPG-1415, Citationist*

William Victor "Bill" Knight is the recipient of the American Institute of Professional Geologists' Honorary Membership for 2001. In receiving this recognition, Bill joins a distinguished group of AIPG members who have contributed much to the success of our Institute and to the profession of geology. In his own right, Bill adds an additional luster to this award.



Bill grew up in West Virginia where he began his elementary education. He graduated from high school in Prosperity, Pennsylvania, then enrolled at West Virginia University, majoring in Civil Engineering in 1944. That education was interrupted in 1945 by military service in the Coast Guard and then in the Army in Korea from 1946 through 1948. He completed his B.S. in Geology in 1951 at The Ohio State University. He later received a Master of Science in Geology from the University of Tulsa in 1968.

Following his B.S. in Geology, he was employed by The Atlantic Refining Company as trainee on a seismic crew in East Texas and later in the Big Horn Basin of Wyoming. Following this training period, he was assigned to the Kansas District Office in Wichita as a geologist. In 1956, he joined El Dorado Refining Company where he was responsible for exploration and development in Kansas and the Southern Rocky Mountains. Following the acquisition of his company by Atlas Corporation who then sold their producing properties to American Petrofina (FINA), Bill became Exploration Manager for the Atlas Minerals Division of Atlas Corporation FINA in Tulsa. Bill remained in this capacity until 1973, when the Atlas properties were sold. Rather than accept another transfer, Bill chose to remain in Tulsa and accepted a position with Williams Brothers Engineering Company where he began a new career in engineering and environmental geology. However, he kept his hand in exploration and development through projects in Alaska, The Lower 48, Latin America, and Asia.

In 1978, Bill left Williams Brothers to form Knight Exploration Company. In this capacity, he participated in the creation of Associated Resource Consultants, a consortium of consulting firms, for which he served as Chairman.

Bill also has taught at the University of Tulsa and presented short courses for the Tulsa Technical Institute, Petroleum Information Corporation, and Society of Exploration Geophysicists. He served as Associate Editor

**AEG FLOYD T. JOHNSTON**  
**SERVICE AWARD**

2001 Recipient  
**Luc Boyer**

This award, established in 1982 on the occasion of his retirement of AEG's Twenty-fifth Anniversary, is named in honor of Floyd T. Johnston, the first Executive Director of AEG. The award is presented to a Member for outstanding active and faithful service to AEG over a minimum period of 9 years to coincide with Floyd's tenure as Executive Director.



After completing his B.Sc. A. in Geological Engineering at Laval University in Quebec in 1957, Luc completed an M.S. in Geological Engineering at Washington University, St. Louis, Missouri, in 1960. Luc's career as a geological engineer started in 1960 with H.G. Acres where he was the resident engineer overseeing the Manicougan hydro-power dam projects. After leaving Acres, he worked with ABBDL, RocTest, and the LGL Group where he completed projects in Canada, Haiti and Madagascar. This was followed by a ten-year period as a geological engineering consultant for clients in the private and government sectors. He was also an invited professor of engineering geology at the Ecole Polytechnique de Montreal between 1977-1980 and the University of Quebec in Montreal, in 1980. He currently works with CIMA+, where since 1992, he has completed assignments as an engineering geology specialist in Canada, China, Cuba and Burundi.

Apart from presenting Luc's credentials as a well-versed geological engineer, the many countries he has worked in have also turned into interesting technical presentations, which he regularly presents to the Section. Luc has always been the first person to impart his knowledge to his peers, to young graduates and students. The most recent presentation to the Section was a two-part talk on the Three Gorges dam project in China. The first evening presented the social aspects of the Chinese community and impact of the dam, followed by a second evening discussion on the geological setting and technical aspects of the project.

Luc regularly volunteers his time and energy to assist with the Montreal Section's activities. Luc was the Chair of the Organizing Committee when the Montreal Section hosted the AEG Annual Meeting in Montreal in 1982.

In 1996, he assisted with the Section's participation at the Annual meeting of the Association of Professional Geologists and Geophysicists of Quebec (APGGQ) in Sherbrooke, Quebec, where he also presented a technical paper on his work in Madagascar.

In September 2000, the Montreal Section of AEG participated at the joint Annual Meeting between the APGGQ and the Quebec Prospector's Association, in

## **AEG CLAIRE P. HOLDREDE AWARD**

2001 Recipients

**Samual R. Bartlett and**

**Mark McKeown**

**Rocky Mountain Section**

for their publication entitled,

*Engineering Geology Field Manual*

(Second Edition, 1998),

U.S. Government Printing Office

The Manual has been in development for a long time, with contributions made by a number of U.S. Bureau of Reclamation staff. As editors of the Manual, the two nominees were responsible for the coordination of new material, technical revisions and other refinements. The Committee believes that this publication truly reflects the practice and standards of the Association, and will have a lasting impact on the engineering geology profession.

Following the failure of the Teton Dam, Engineering Geology as a profession mushroomed in the Bureau of Reclamation. One of the greatest problems confronting the new organization was the inconsistency of both obtaining and displaying engineering geologic data. In the past, these inconsistencies have led to incompatible designs and many construction claims for "changed conditions" as a result of the ambiguous and inconsistent portrayal of geology in specifications. At that time, several committees were created to develop standards. After many rocky starts, the first fruit of this effort was the publication of what is affectionately called the Little Golden Book that contained pieces and parts of the various committees' efforts. After further work and practical experience, the foundations of the Engineering Geology Field Manual were laid. It was intended as a three-volume set: the first volume was the Office Manual which contained those elements generic to office work such as the presentation of geologic data, geologic data report organization, and drawing format and standards, etc. The second volume was to be the actual field manual that the geologist could take with him to the field for information and consistency in field methods and descriptions. The third volume was to be a collection of useful information for the engineering geologist with such subjects as dewatering, blasting, etc. In a rush to publish, the first volume was published as a standard-sized booklet while the second and third volumes were edited by Melvin Hill, AEG member now deceased, and published as one inclusive volume approximately the dimensions of the book submitted for the Holdredge award, leaving out some of the intended chapters.

Following several years of use and review, the Engineering Geology Field Manual was revisited, revised, improved, and rewritten. Some of the topics have been expanded and/or clarified and, more importantly, a concerted effort was made to reduce the amount of bureaucratic language so that the book could be used by all engineering geologists in the field.

of Tulsa's Physical Environment, a comprehensive publication produced by the Tulsa Geological Society in cooperation with the Oklahoma Geological Survey. He has authored numerous publications in professional and technical journals.

In 1964, Bill became a member of AIPG as CPG 153, the first in Tulsa. He served the Oklahoma Section in numerous roles, including President. In 1989, he became Executive Director of AIPG, and served in that capacity until 1999, when he returned to Tulsa and reactivated Knight Exploration Company. In addition to membership in AIPG, Bill is a Chartered Geologist in the United Kingdom, holds the title of European Geologist of the European Federation of Geologists (EFG), and is licensed or certified as a Geologist in several states. In 1996, he received the Martin Van Couvering Memorial Medal.

Bill has contributed to our profession and our Institute in a multitude of ways—always with dignity and respect for those with whom he worked. The American Institute of Professional Geologists, our profession, and the public have been and continue to be well served by his efforts. I am honored to have the opportunity to present Mr. William V. Knight (CPG 153) for Honorary Membership.

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

**Presented by  
Robert H. Fakundiny, 2001 President**

**John H. Talley**—For extraordinary dedication in organizing the successful 2001 AIPG Washington, D.C. Fly-In.

**Thomas M. Berg**—For accepting the challenge and successfully developing and leading a membership recruitment effort during 2001.

**Thomas G. Fails**—For extraordinary dedication and genuine commitment to implementation of an AIPG Continuing Professional Development program.

**Wendy J. Davidson**—For dedication to and competent support for the efforts of the 2001 President, Executive Committee, and Executive Director. And for continuous publication of an increasingly excellent The Professional Geologist.

**Catherine A. O'Keefe**—For competent, professional service to the AIPG Membership and support for the efforts of the 2001 President, Executive Committee, and Executive Director.

**Ronald B. St. John**—For dedication and commitment to the successful organizing of the Illinois Chapter of the Illinois/Indiana Section of AIPG.

trial wells in Western Washington. The company worked hand-in-glove with the Civil Engineering community, sharing duties from source to final distribution systems.

Through the years, Noble directly examined scores of drilling projects in the Puget Sound area and began to fit new concepts of subsurface geology to previously mapped areas. He became aware that a major revision of the stratigraphy was needed and did so as a pro bono project for the State Division of Geology and Earth Resources. The resulting paper, focused mainly on subsurface geology, was published as an open file report in 1990, reopening the on-going controversy of this highly complex segment of geology.

Noble remained active in the Washington State Section of AEG during his career. He "ran the chairs" during the late 1970s and early '80s serving as Section Chairman for two years at the end of that period.

## AEG HONORARY MEMBER

2001 Recipient

**John Noble**

John Noble began his college education in 1950 studying Agriculture at Washington State University. After two years, and learning that one had to own the farm for a would-be farmer to make a living, Noble bowed to practicality and quit college. The U.S. Air Force took advantage of this hiatus and took him in for the next four years. During that time, he very simply decided to become a geologist. Upon discharge in 1957, he enrolled at the University of Washington. With two prior years' credit, he crammed nearly every available undergraduate geology course, plus a few graduate courses in geology, receiving his BS in 1959 and leaving the University in 1960. In June of that year, he was hired as a Ground Water Geologist I for the Washington State Division of Water Resources.



Duties with the State consisted of water rights work in conjunction with its engineers, but Noble took more advantage of the opportunity to do pure geologic mapping in the southern Puget Sound area of Washington. This work led him to describe the Pleistocene geology of the area, a discipline shared by only a handful of geologists at that time. Noble worked in conjunction with colleagues in the USGS who were doing cooperative studies. All were finding that the Pleistocene history of the Puget Sound Lowland was far more complicated than had been previously recognized. They began re-definitions based on observed surface geology. Noble added to this work with geologic maps of Thurston and Mason counties, and became a generally recognized expert in the region's Pleistocene stratigraphy. He maintained this interest for the rest of his career, keeping alive the subject for the few in the profession who also maintained an interest.

In 1965, Noble left State employment to join the groundwater consulting firm of Robinson & Roberts in Tacoma. Stratigraphy and surface geology became more of a hobby as he became an expert in water well technology working under John Robinson and Fred Roberts. (Water wells in Western Washington are among the most complex in the world because of the thin and sporadic aquifer systems found in the Pleistocene deposits, which exceed 1,000 feet in thickness.) At about this time, he became a charter member (actually an associate member) of the Washington State Section of AEG, the first expansion chapter from the old CAEG. Noble pursued a private consulting practice from 1965 until his partial retirement in 1997. He became president of the company in 1972, at that time renamed Robinson & Noble, Inc. During this time, he and the company were responsible for developing most of the major municipal and indus-

## 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 BEN H. PARKER MEMORIAL MEDAL

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
Robert R. Berg	1981
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	1994
Donald Blackstone, Jr.	1995
William L. Fisher	1996
Marcus E. Milling, Sr.	1997
Peter R. Rose	1998
Charles J. Mankin	1999
Russell G Slayback	2000

**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.

**Recipients of the  
AIPG MARTIN VAN COUVERING  
MEMORIAL AWARD**

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

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

Gary E. Van Guilder	1997
John J. Dragonetti	1998
Robert G. Font	1998
Dawn H. Garcia	1998
Gunnar Hultquist	1998
Madhurendu B. Kumar	1998
William J. Siok	1998
David M. Abbott, Jr.	1999
Eugene Aleshin	1999
Ronald E. Alexander	1999
Kelvin J. Buchanan	1999
L. Graham Closs	1999
Robert M. Colpitts, Jr.	1999
Dean Feller	1999
Travis H. Hughes	1999
William V. Knight	1999
Manuel Regueiro	1999
James D. Shotwell	1999
Myrna M. Killey	2000

**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. Gale, Sr., Memorial Public Service Award, Award of Honorary Membership, Outstanding Achievement Award, and Presidential Certificate of Merit.

**AIPG 2001 HONORS AND AWARDS  
COMMITTEE**

Members of the AIPG Honors and Awards Committee  
*M. B. Kumar, Chr.*  
*Richard C. Fountain*  
*Frank W. Harrison, Jr.*  
*Robert K. Merrill*  
*Russell G. Slayback*  
*Stephen M. Testa*



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

R. Steven Friberg	1988
John T. Galey, Jr.	1988
Leroy Gatlin	1988
Gary B. Glass	1988
Stephanie V. Hrabar	1988
Edward B. Nuhfer	1988
James E. O'Brien	1988
Larry R. Rhodes	1988
John A. Taylor	1988
Richard H. Young	1988
Serge Gonzales	1989
Daniel W. Hall	1989
Fred B. "Ted" Mullin	1989
Robert A. Northcutt	1989
Robert R. Jordan	1990
Norman K. Olson	1990
William G. Weist, Jr.	1990
Frederick M. Beck	1991
R. Steven Friberg	1991
Ernest K. Lehmann	1991
Robert A. Northcutt	1991
Gail Waggoner	1991
Logan T. MacMillan	1992
Russell G. Slayback	1992
Lawrence C. Weber	1992
Don E. Williams	1992
Kathleen M. Benedetto	1993
Thomas Z. Jones	1993
Madhurendu B. Kumar	1993
Edward B. Nuhfer	1993
Peter R. Rose	1993
David C. Scott	1993
Larry C. Simpson	1993
Robert H. Fakundiny	1994
Mark A. Osten	1994
Charles Wm. Dimmick	1994
John L. Bognar	1994
Stephen M. Testa	1994
Fred B. "Ted" Mullin	1994
Wendy J. Davidson	1994
Robert K. Merrill	1994
William V. Knight	1994
Robert L. De Groot	1995
William G. Dixon, Jr.	1995
Thomas G. Fails	1995
Thornton L. Neathery	1995
Dennis T. Pennington	1995
Thomas M. Berg	1996
Wilgus B. Creath	1996
Thomas G. Fails	1996
Margaret Kloska	1996
David G. Rensink	1996
James H. Williams	1996
David M. Abbott, Jr.	1997
Robert N. Braunstein	1997
Curtis J. Coe	1997
Barbara H. Murphy	1997
James D. Shotwell	1997

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

Arthur O. Spaulding	1983
Allen F. Agnew	1984
William L. Fisher	1985
Frank E. Kottowski	1986
Cliff J. Nolte	1987
Russell G. Wayland	1988
Elisabeth G. Newton	1989
Linda E. Okland	1990
Meredith E. Ostrom	1991
Robert R. Jordan	1992
Robert H. Fakundiny	1993
Morris W. 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

## **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
L. L. Sloss	1985
Ross L. Shipman	1986
Edward C. Dapples	1986
Doris M. Curtis	1987
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

### **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

## **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
Russell R. Dutcher	1982
A. Gordon Everett	1982
Joseph F. Fritz	1982
John S. Fryberger	1982
John B. Gustavson	1982
Albert M. LaSala	1982
Gary E. Melickian	1982
Edward B. Nuhfer	1982
Arthur O. Spaulding	1982
Benton M. Wilmoth	1982
Richard M. Winar	1982
Allen F. Agnew	1983
Donald F. Cardinal	1983
Randell T. Chew III	1983
L. Luke Fournier	1983
Gene R. George	1983
Travis H. Hughes	1983
Gary E. Melickian	1983
Elisabeth G. Newton	1983
William H. Park	1983
Ross L. Shipman	1983
Derek B. Tatlock	1983
Bobby J. Timmons	1983
Russell G. Wayland	1983
Kenneth N. Weaver	1984
Alan M. Jacobs	1984
Stanley S. Johnson	1984
Bruce H. Mason	1984
Richard P. Ortiz	1984
D. Theodore Clark	1985
Stanley C. Grant	1985
Rex B. Humphrey	1985
Robert Pendergast	1985
William G. Murray	1985
Phyllis M. Garman	1987
Serge Gonzales	1986
Clayton H. Johnson	1986
Allan J. Krause	1986
Bill A. Street	1986
James K. Vincent	1986
William J. Gilliland	1987
Raymond E. Irwin	1987
Stanley S. Johnson	1987
Elisabeth G. Newton	1987
John C. Philley	1987
Stephen M. Testa	1987
John H. Dayvault	1988