FOR IMMEDIATE RELEASE
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2009 Award Recipients Announced by NACE International
Winners to be Recognized at CORROSION 2009 in Atlanta, Georgia, USA

Houston, TX – NACE International will honor 41 individuals and companies for their outstanding commitment and service to the Association’s growth and recognition as the world leader in corrosion control on March 25, 2009, in Atlanta, Georgia, USA, during its annual Awards Dinner at CORROSION 2009.

Awards will be presented in the following categories:

R.A. Brannon Award – The R.A. Brannon Award recognizes a current NACE member whose outstanding service has contributed to the development and improvement of NACE at the Association, committee, or Board level.

The 2009 Brannon Award recipient is Candy Balerio for consistent and enthusiastic promotion of NACE and the benefits of membership for over 20 years through public endorsements and by initiating the NACE wearables program.

A member of NACE since 1987, Balerio has held every position in the Rocky Mountain Section, including career development and scholarship chair, where she currently serves as section trustee.

She has also held every office in the Central Area, served as a member of the NACE Board of Directors, served on the Certification Committee, Membership Committee, NACE Nominating Committee, and the Distinguished Organization Award Subcommittee, and served on many special committees such as the Rocky Mountain Short Course Committee. This course has been held for over 20 years and Balerio has been an integral part of its success, while serving as the unofficial ambassador for NACE.

Balerio also attends the annual Wyoming Underground Corrosion Correlating Conference every year, representing NACE in the State of Wyoming. During these meetings she routinely fields questions about NACE membership, certification, publications, and committees, and invites nonmembers to join by describing benefits of association involvement.

Balerio is a strong member advocate, and seldom misses an opportunity to promote the benefits of membership in NACE. In her desire to promote NACE, she conceived, implemented, and promoted the NACE brand by offering shirts, jackets, and other items displaying the NACE logo while serving as a member of the NACE Membership Committee. This has become a popular and profitable program for the association, and helps share the NACE brand and mission with the public.

Balerio was awarded the South Central Area Eben Junkin Award in 1997, received accolades by the Rocky Mountain Section for ‘Hard Work and Dedication’ in 1998, received the Intermountain Section Loyal Support Award in 2000, and the NACE Distinguished Service Award in 2002.
Balerio is currently the district manager for Farwest Corrosion Control in Denver, Colorado, where she has been employed for 19 years.

A.B. Campbell Award – The A.B. Campbell Award is presented to an author(s) 35 years of age or younger in recognition of the most outstanding manuscript published in CORROSION journal or Materials Performance (MP) during the year.

Wei Sun has been named the 2009 Campbell recipient. She was selected based on her article published in CORROSION journal, Vol. 64, No. 4, April 2008, entitled “Kinetics of Corrosion Layer Formation: Part 1—Iron Carbonate Layers in Carbon Dioxide Corrosion.”

Sun received first place in the NACE Foundation Student Academic Scholarship competition in 2005, received the Ohio University Donald Clippinger Graduate Fellowship in 2005, and the Active Membership Award of the Association of Chinese Corrosion Engineers International in 2007.

Sun received a B.S degree in chemical engineering from the Shandong University of Technology, a M.S. degree in chemical engineering from Tianjin University, and a Ph.D. in chemical and biomolecular engineering from Ohio University. She performed internships at CANMET Materials Technology Laboratory in Ottawa, Ontario; at DNV in Dublin, Ohio; and BP America in Houston.

A member of NACE since 2004, she has served as membership chair of the NACE Houston Section, and as chair of the Ohio University Student Section. More recently, Sun served as vice chair, Corrosion Modeling, for the Research-in-Progress Symposium, and was vice chair of the Technology Exchange Group 071X Information Exchange on Oil and Gas Production, Mineral Scales, both at CORROSION 2008. She is also a member of Specific Technology Group (STG) 31 on Oil and Gas Production—Corrosion and Scale Inhibition, and STG 62 on Corrosion Monitoring and Measurement—Science and Engineering Applications.

Sun has published numerous journal and conference papers in the areas of carbon dioxide (CO2) and hydrogen sulfide (H2S) corrosion in oilfield environments, and is currently an engineering specialist with ExxonMobil Upstream Research Co. in Houston, Texas.

F.N. Speller Award – The F.N. Speller Award recognizes significant contributions to corrosion engineering. Recipients of this award have made an international contribution through education or work promoting development or improvement of a method, process, and type of equipment or material that facilitates control of corrosion or makes the process more economical.

The 2009 recipient is Bruce Hinton for his sustained and insightful application of corrosion science and engineering to the solution and prevention of corrosion problems on Australian Defense Force aircraft over a period of 40 years. During that period Hinton has also provided a very high level of academic leadership through his co-supervision of many graduate students at several Australian universities.

Over his long career, Hinton has conducted research in numerous areas including atmospheric corrosion, corrosion inhibition, conversion coatings, stress corrosion cracking, corrosion sensors, corrosion fatigue, and hydrogen embrittlement. This work was carried out not only at Defense Science and Technology Organization (DSTO), but also through collaborations with both industry and academia in Australia and overseas.

Among his more notable achievements are the identification of the rare earth metal salts as excellent corrosion inhibitors for aluminum alloys, steel and zinc coatings, and their mechanism of inhibition; and the development of conversion coatings based on the oxides of the rare earth metal cerium. He identified certain surfactants as strong corrosion inhibitors for aluminum alloys, which has led to the widespread use of aircraft washing detergents containing such surfactants not only as cleaners but also as a means of applying inhibitors to airframes. Hinton has
provided much of the scientific basis to enable corrosion-inhibiting compounds to be used not only for the prevention of corrosion, but also for arresting the growth of existing corrosion on Australian Defense Force aircraft. This work has saved many maintenance hours and dollars, and increased aircraft availability. His development and deployment of environment monitors and corrosion sensors for use in airframes has helped to prevent corrosion in aircraft through proactive management practices. More recently with colleagues from the Commonwealth Scientific and Industrial Research Organization (CSIRO) and BAE (I can’t find what this stands for: maybe it’s like NACE and they don’t spell out) Systems he led a team of scientists that developed a model to predict the development and propagation of corrosion in aluminum alloy structural components.

Hinton has published over 50 papers in refereed journals, several book chapters, a large number of industry reports, and has contributed over 100 presentations at many international and local conferences.

The value of his research has been recognized over many years by the Australasian Corrosion Association (ACA), the Institute of Materials Engineering Australia (IMEA), the Australasian Institute if Metal Finishing (AIMF), and the Institute of Metal Finishing U.K., through numerous best research paper awards.

In 1995 Hinton was awarded the Florence Taylor Medal by the IMEA for his achievements in materials research and his contributions to the materials community, and in 1996 he received an ACA Medal for his contribution to corrosion research in Australia. Hinton was also appointed the P.F. Thompson Memorial Lecturer by the ACA in 1999, in recognition of his contribution to corrosion research and the corrosion community. In 2002, a team led by Hinton was awarded the BAE Systems Chairman’s Gold Award for Innovation in the development of a corrosion prediction model for use in maintaining the integrity of aircraft structures. Hinton was also the recipient of the 2004 Achievement Award from the International Technical Co-operation Program (Defense Treaty with the USA, U.K., Canada, Australia, and New Zealand) for corrosion prevention on welded nickel aluminum bronze, and received the 2007 Minister’s Award for Outstanding Achievement in Defense Science for his outstanding contribution to the durability, maintenance, and safety of Defense Force aircraft.

Hinton is a past president and served as treasurer of the IMEA Victorian Branch, and is currently the associate editor —technology, for the ACA journal Corrosion & Materials.

He received a B.S. degree in metallurgy from the University of Queensland, Australia, and a Ph.D. in corrosion engineering from the University of Manchester, Institute of Science and Technology, U.K. He is a Fellow of the Monash University in Australia, and an Institute of Materials Engineering Certified Materials Professional.

Hinton has served as principal research scientist for the Australian Government’s Department of Defense, DSTO, in Fishermans Bend, Victoria, for the past 40 years.

Hinton’s CORROSION 2009 Speller Lecture will be presented on Wednesday, March 25, 2009, at 11 a.m.

**W.R. Whitney Award** – The W.R. Whitney Award recognizes individuals who have made national or international contributions leading to a better understanding of corrosion science, such as the development or improvement of a theory that provides a more fundamental understanding of corrosion phenomena and/or the prevention of corrosion.

**Alan Turnbull** is being recognized for outstanding service to corrosion science and engineering over a period of more than 30 years, including his important contributions to the mechanistic understanding of environmentally assisted cracking and localized corrosion through modeling and experiments based on sound electrochemical principles.

The quality of his contributions has previously led to major national and international awards in the field, and his extensive publication record is of relevance to both the industrial application of materials in corrosive environments and to the scientific understanding of corrosion phenomena, making an important bridge between theory and practice. His work includes substantial contributions to the understanding of environmental degradation of materials,
combining innovative experimental work with mechanistic modeling to advance corrosion science and to solve engineering problems.

In the broader field, he has contributed to a wide range of professional bodies, including NACE committees, editorial boards, and standards committees, and is well-respected internationally in the arena of environmentally assisted fracture and localized corrosion. He has been a plenary and keynote speaker at numerous international meetings including three Gordon Research Conferences, an engineering foundation conference, and a NATO Science Conference.

Turnbull has published more than 200 publications, principally on corrosion but also on degradation of polymers. He has made significant research contributions in corrosion fatigue, stress corrosion cracking, hydrogen embrittlement, and modeling of corrosion processes.

Turnbull obtained his B.S. degree in chemistry from the University of Strathclyde in Glasgow, Scotland and a Ph.D. from the University of Bristol. A 20-year member of NACE, he received the T.P. Hoar Prize in 1987, the Bengough Medal in 1994, a NACE Technical Achievement Award in 2001, the Cavallaro Medal in 2002, the U.R. Evans Award in 2004, and a NACE Fellow honor in 2008. He has been employed for 35 years with the National Physical Laboratory in Teddington, Middlesex, U.K., where he is currently a Fellow.

Turnbull will present the CORROSION 2009 Whitney Lecture on Tuesday, March 24, 2009, at 11 a.m.

**NACE Fellows** – NACE Fellows are named for their distinguished contributions in the field of corrosion and its prevention, and to develop a broadly based forum through which technical and professional leaders serve as advisers to the Association. The 2009 class of NACE Fellows are:

- Robert A. Cottis
- Thomas M. Devine
- Damien Feron
- Andrew Garner
- Bill Hedges
- Vincent F. Hock
- Martin W. Kendig
- Barbara A. Shaw
- Douglas L. Singbeil
- Liane Smith
- Jose R. Vera

**Distinguished Organization Awards** – These awards are presented to organizations that have made outstanding contributions to the field of corrosion science or engineering over a sustained period of time, or for a major technological contribution to either field. The 2009 recipients of this award are:

- The Center for Electrochemical Science and Engineering
- General Electric Co.
Distinguished Service Awards – NACE Distinguished Service Awards are presented annually to NACE members who have performed the duties and responsibilities of any officer assignment, elected or appointed, in an outstanding manner. This outstanding performance can be in any section, region, area, or Association activity. The 2009 recipients of this award are:

   John Chase
   Grant Firth
   Qimin Lu
   Budd Melvin
   John Olson
   Andrea Parker
   Bob Phang
   Joe Pikas
   Antony Simcoe

NACE Presidential Achievement Award – The prestigious Presidential Achievement Award given for meritorious work by an individual or group and recognizes exceptional achievements that significantly enhance the stature of NACE International. The 2009 recipient is:

   George F. Hays, in recognition of furthering NACE International’s relationship with our sister societies in Europe, being instrumental in the formation of the World Corrosion Organization, and for exceptional contributions to enhancing membership benefits.

Technical Achievement Awards – NACE Technical Achievement Awards recognize individuals’ technical achievements in corrosion engineering. The achievements must have had significant effects on the practices of corrosion control or have enhanced the corrosion engineering profession. Recognized achievements can be in the areas of research, engineering, or education. The 2009 recipients are:

   Marc Edwards
   Michael Joosten
   Gabriel Ogundele
   Brian Saldanha
   Karol Szklarz

NACE Foundation Founders Award

In addition to the award categories that NACE International recognizes, the NACE Foundation also recognizes exceptional contributions by individuals who have significantly enhanced the stature of the NACE Foundation and made significant contributions toward its goal of advancing corrosion education through the NACE Foundation Founders Award.

The 2009 Founders Award is presented to a group of individuals – the original members of the Endowment Committee, established in 1986, that eventually evolved into the NACE Foundation as we know it today. As the award is named after “The Founders” of the NACE Foundation, it is appropriate that this group of individuals be recognized:

(*Award received posthumously.)

   *Walter K. Boyd
   *Douglas D. Downing
   A. C. “Scotty” Flory

Leaders in Corrosion Control Technology
The NACE Foundation is grateful to this dedicated group of individuals whose vision, financial support and continued efforts have resulted in a one of a kind organization dedicated to promoting knowledge of corrosion science and engineering to our industry’s next generation.

Since 1986, the NACE Foundation has existed within NACE International in the form of an Endowment Committee. It was officially formed as a 501 (c) (3) non-profit organization in 2002 by a group of visionary and dedicated people who have devoted their lives to the corrosion industry. The mission of the NACE Foundation is to inspire students and educators to engage in the field of corrosion science and engineering.

For information on nomination procedures for any of the NACE International, or NACE Foundation awards, contact NACE Headquarters or visit the NACE Web site at www.nace.org/awards.

NACE International is a professional technical association dedicated to promoting public safety, protecting the environment, and reducing the economic impact of corrosion. Established in 1943, NACE International has more than 20,000 members worldwide and offers technical training and certification programs, sponsors conferences, and produces industry standards, reports, publications, and software. More information about NACE International can be found at www.nace.org.

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