WIDE ANGLE
WYLE PEOPLE DOING WORTHWHILE THINGS
wyle | November 2011

WYLE'S INTEGRATED SCIENCE & ENGINEERING GROUP SELECTED AS FINALIST FOR THE 2011

GEORGE M. LOW AWARD

NASA'S QUALITY AND EXCELLENCE AWARD

"When I think of excellence, I think of people more than things because only people can bring quality, excellence, perfection to things that must work. It is in that light that we achieved the Apollo landings on the Moon."

— George M. Low

Wyle's Integrated Science & Engineering (ISE) Group is honored to be selected as a finalist for NASA's prestigious George M. Low Award. Each year, NASA recognizes large and small businesses that demonstrate excellence and outstanding technical and managerial achievements in quality and performance on NASA-related contracts or subcontracts. The prestigious award is named after NASA leader George M. Low, whose career included achievements in aeronautics, space science, technology and education.

The evaluation of Wyle ISE was based on the past three years of performance on the Bioastronautics Contract and on the Occupational Medicine and Occupational Health Contract. The winner is determined through evaluation of primary criteria of successful improvement and demonstrated commitment to quality of services over the three year performance period. The Wyle ISE Group, with more than 40 years of experience, is a recognized leader in the life sciences research, space medical operations and engineering for the enhancement of human performance and safety in air and space.

This is not the first time Wyle has been nominated for the prestigious award. Wyle's Information Systems Group was a recipient in 2002 in the small business, service category prior to the company's purchase by Wyle in 2008. In 2004, the Space Gateway Support consortium was honored in the large business, service category. Wyle was a subcontractor to the consortium supporting efforts at the Kennedy Space Center. Lastly, Barrios Technologies, Inc., a subcontractor to Wyle on the Bioastronautics contract, won the award in the small business, service category in 2006.

GEORGE M. LOW

/// George M. Low was dedicated to quality and excellence. His career and achievements spanned many fields—space science, aeronautics, technology, and education. As an engineer, mathematician, scientist, NASA Director and Deputy Administrator, Chairman of the National Research Council, and President of Rensselaer Polytechnic Institute, his achievements were legendary. In the space program, he provided management and direction for the Mercury, Gemini, Apollo, and advanced piloted-mission programs.

George M. Low advanced through NASA management on the strength of his extraordinary, quality embedded achievements. His progress to prominence made him a role model in the sight of all with whom he came in contact. He was a man with a vision—a vision shared by many who also dreamed that America should lead the way in astronautics and aeronautics. George M. Low stretched the boundaries of excellence, and by his example, others are motivated to do the same. ///

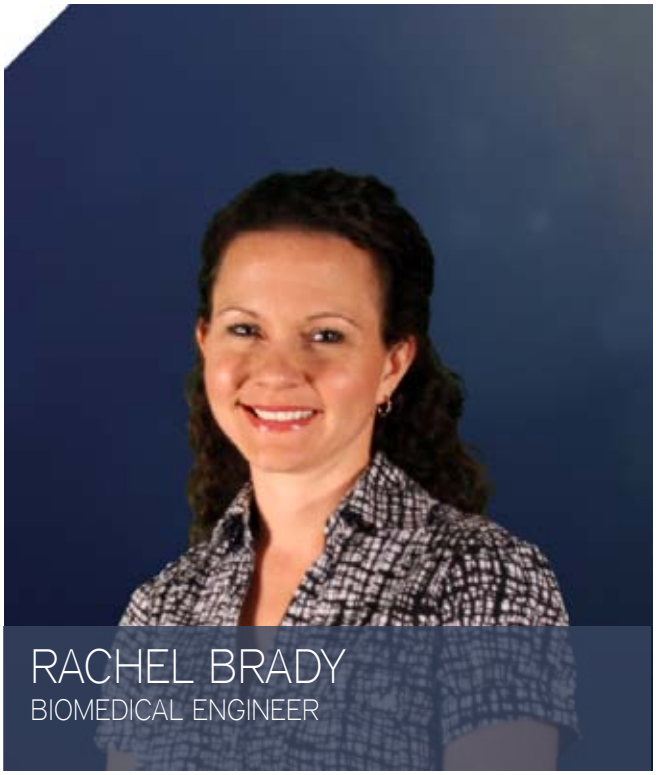
— NASA

Swearing in of George M. Low as Deputy Administrator of NASA. The 43-year-old veteran of NASAs Mercury, Gemini, and Apollo manned flight programs was administered the oath of Office by Dr. Thomas O. Paine, NASA's Administrator. President Nixon nominated Low for the post November 13, 1969, and the Senate confirmed him on November 26, 1969. Low, who joined the National Advisory Committee for Aeronautics (NASAs predecessor agency) in 1949, was the fourth person to hold the Deputy Administrator post at NASA. Photo: NASA

ISE GROUP

ISE Group President Robert M. Ellis commends those who have worked on the Bioastronautics Contract and on the Occupational Medicine and Occupational Health Contract. “They have excelled in delivering high quality services to our customer leading to our selection as finalist. Without their commitment and professionalism we could never have competed for this award.”

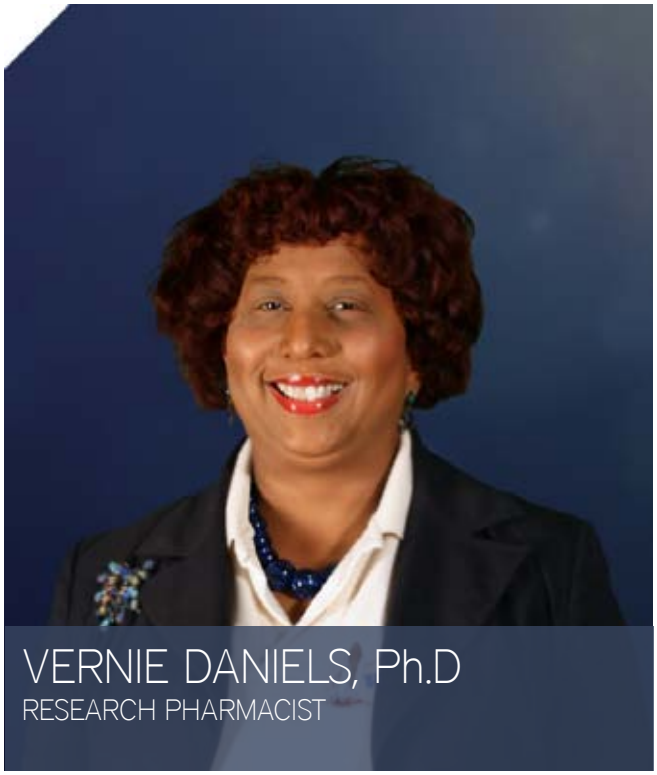
/// Meet some of the Wyle employees from our facilities in Houston, who with their peers, have demonstrated excellence and dedication in their areas of expertise.



RACHEL BRADY
BIOMEDICAL ENGINEER

“In the past year we’ve advanced technology in computerized electrocardiography, muscle volume imaging and virtual guided ultrasound. Currently we are evaluating the functional performance and cardiovascular fitness of returning astronauts and working on ways to predict which crew members might be more naturally adaptable to gravitational change.

From the beginning to end of each project, Wyle works closely with the customer to make sure that the research objectives are met within budget and on time.”



VERNIE DANIELS, Ph.D
RESEARCH PHARMACIST

“Based on our regulatory expertise, Wyle was asked to develop novel and customized regulatory compliance tools that were suited to Johnson Space Center’s (JSC) unique research environment, unlike those typically found in an academic and clinical setting. I am so privileged to do this work at JSC and to work for a company like Wyle.

What I appreciate most, is Wyle diligently works to provide me and all team members the resources to meet exciting new challenges and foster an environment for career growth and development.”

IS&E GROUP

DANIEL GAZDA
SENIOR ENVIRONMENTAL SCIENTIST

"When the wheels stopped on Atlantis, after the final shuttle mission, it became obvious that continued reliance on archived water samples was no longer feasible. The need for in-flight water quality monitoring was clear. So the Wyle Integrated Science & Engineering Group partnered with academic researchers and a commercial manufacturer of color matching systems to deliver the Colorimetric Water Quality Monitoring Kit, or CWQMK.

The CWQMK is a hardware system based on colorimetric solid phase extraction technology, which combines colorimetric reagents, solid phase extraction and diffuse reflectance spectroscopy to quantify trace levels of analytes in water samples. Presently, the CWQMK is used to monitor biocide concentrations in the water supplies on the ISS.

The CWQMK is an excellent example of how successful collaboration between academic researchers, NASA contractors and industrial partners can deliver hardware systems to meet the environmental monitoring needs on the International Space Station (ISS) now and in the future."

RHONDA HARALSON
DATA REQUIREMENTS & INTEGRATION

"The Data Requirements & Integration Team, also known as the DRI Team, is skilled at preparing, presenting and defending requirements for the configuration control boards. The DRI Team ensures every effort is made to meet medical requirements. Our analyses of externally driven changes that impact medical requirements have played an integral part in reaching and implementing viable solutions that are beneficial.

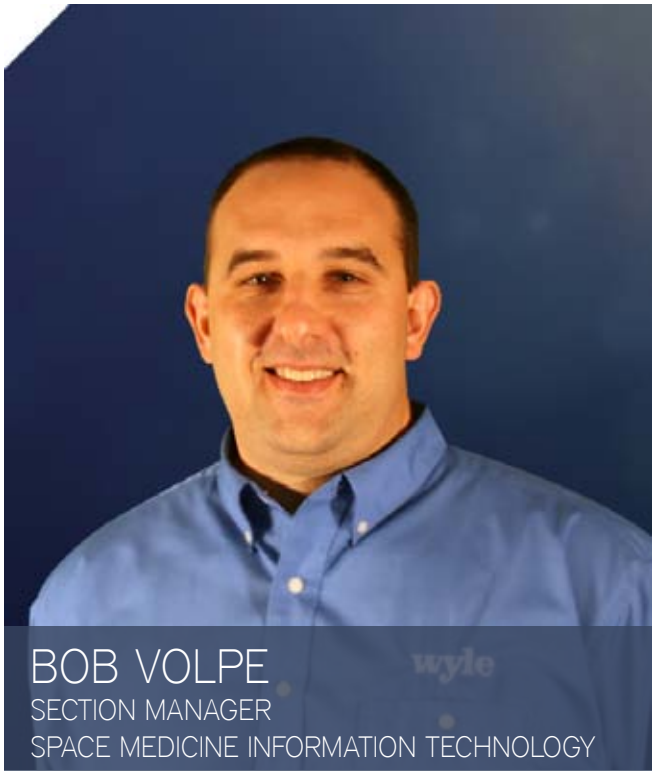
I've relished my experiences working in Mission Control Center as a biomedical controller and attending a shuttle launch. Wyle is a family friendly company and they have afforded me many opportunities to develop both personally and professionally. I have enjoyed working at Wyle and I look forward to many more rewarding opportunities and experiences."

IS&E GROUP

GREG LEAVITT
SYSTEM ENGINEER

"I work on the Advanced Exploration Systems Extravehicular Activity Project. We work on the advanced space suit for the astronauts to use while they're up on orbit. Wyle allows me to be part of a team that makes the astronauts life easier up on orbit and eventually easier for us down here on Earth. The advanced space suit has to contain all of the things necessary to sustain life. Basically you can think of it as a small little vehicle that is portable that the crewmember can wear around.

On one side of the space suit we have America's most gifted and talented people, our astronauts. On the other side you have the harsh environment of space, ranging in temperatures from +250 degrees Fahrenheit to -250 degrees Fahrenheit. Our job is to protect that crew member from that harsh environment. It's very exciting and very challenging."



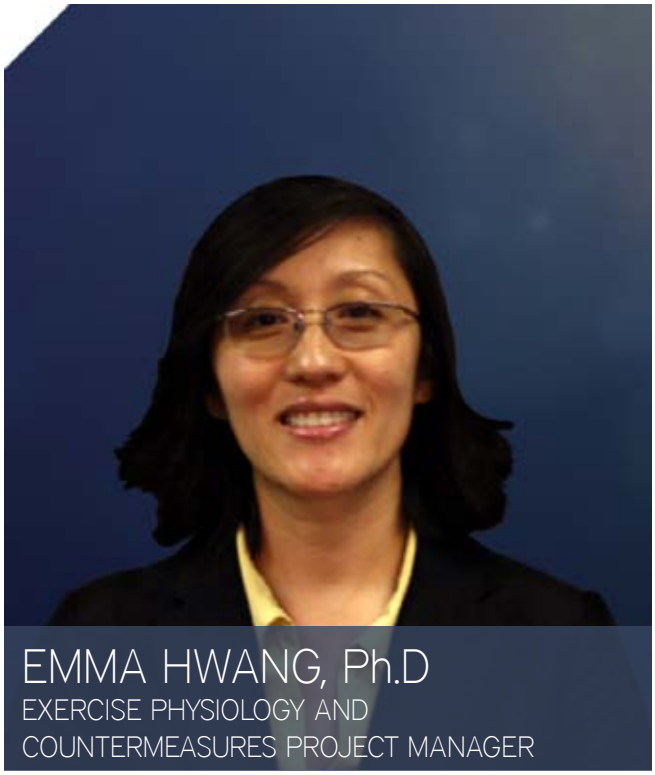
BOB VOLPE
SECTION MANAGER
SPACE MEDICINE INFORMATION TECHNOLOGY

"The Space Medicine Information Technology Section, professionally known as SMIT, is the IT department for space medicine at NASA. In that role we provide a variety of IT services to various personnel at NASA including flight surgeons, biomedical engineers, researchers and office administrators.

On top of it all, we serve as guide in navigating the sometimes complex IT landscape at JSC and NASA. Space Medicine personnel don't have to figure out which help desk to call when having an information technology issue. They just call the SMIT help desk and we take care of the rest. We do all of this with a highly skilled staff whose expertise with and past performance on Microsoft Technologies has earned us recognition as a Microsoft certified product.

Wyle is a big company with big company resources and a small company feel that allows me to explore interests in information technology and healthcare all combined in the space program."

IS&E GROUP



EMMA HWANG, Ph.D
EXERCISE PHYSIOLOGY AND
COUNTERMEASURES PROJECT MANAGER

"Our Wyle team thinks outside the box to solve problems and overcome challenges. For over 40 years our Wyle team has measured and tracked changes in human physiology, has provided direct support for over 165 U.S. astronauts and helped develop and maintain key hardware such as the Advanced Resistive Exercise Device (ARED) and treadmill currently used on board the International Space Station (ISS).

Being able to see how our team's work translates into keeping astronauts healthy and safe to succeed in their missions is what satisfies me most in working at Wyle."

MAGEE JOHNSON
STRATEGIC PROJECTS MANAGER

"Wyle's strategic planning and execution team has been instrumental in the development and implementation of collaborative innovation initiatives for the Space Life Sciences Directorate (SLSD) at the Johnson Space Center and for NASA agency wide. We are also responsible for SLSD Strategic Communications and have developed and led strategic initiatives to encourage a culture of collaboration and innovation for NASA and its contractors.

The Wyle culture enables me to be creative and innovative and I am proud to be a member of the Wyle family."

> *Wyle Houston is composed of scientists, engineers, technicians and other support personnel. Our mission is quality, and our goal is mission success.*

Special thanks to the employees of our Wyle Houston office including Bob Ellis, Vernon McDonald, Genie Bopp, Kathy Houser, Terry Guess , Victor Hurst, Glenda Blaskey, David Ham, Ted Duchesne, Bob Volpe, Tom Limero, Joan Robertson, Jackie Reese, Rhonda Haralson, Rachel Brady, Daniel Gazda, Emma Hwang, MaGee Johnson, Vernie Daniels, Gina Young, and Greg Leavitt.

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