



**National Chemical Technician Award Candidate Form**

More recently, James has been involved in the area of Process Analysis. He has made several major contributions to this area in a very short time. He helped design and single handedly built a oil in water analyzer which can be used for both refining and exploration/production applications. He also was the main person in getting an on-line near infrared analyzer tested and transferred to Ponca City refinery for a successful field testing.

**Communication:**

James is a great communicator in both writing and speaking. He has an uncanny method of interacting with his customers that they are always kept well informed about what he is doing and very happy about the outcome of his work. He does an excellent job in writing reports and giving presentations at any level and size of the audience. He has presented his work on the oil in water analyzer to many of top management at ConocoPhillips in various formats.

**Innovation:**

James is truly an innovator. This is evident time and time again in his work whether it is an instrumentation repair issue, or coming up with ideas for doing things to improve safety, or inventing a brand new measurement technique. He is also very good at looking at things from a different angle and coming up with new ideas for improvement of the process. He has been a major contributor to many automation and process related set up and modifications over the years. He had to use many different and innovative ideas to make the oil in water instrument a success. This was also the case for building and testing the near infrared system that was used for on-line crude monitoring at Ponca City Refinery. He had to make many modifications to the sample cell and the sampling system at the refinery analyzer house to make the analyzer work correctly.

**Other (Considered together to make up the remaining 40%)**

**Leadership/Mentoring (1-15%)**

James is very self motivated and takes charge and tackle difficult projects without any hesitance. He has worked with multiple groups across the company and has trained many people on electronics related and control system programming issues.

He is very open about sharing his knowledge on his areas of expertise. Many Analytical personnel who have relied on his help to troubleshoot their instruments, have learned a great deal from him to the point that they can diagnose and repair many minor problems on their own.

He works with a number of scientists within ConocoPhillips and also in Chevron-Phillips on automation and process control design and implementation. Many of these customers look for his guidance before making any changes to their processes.

More recently, James has been mentoring a new hire, Mike Tullos. He has been training Mike on all aspects of his job including the instrument troubleshooting, LabView programming, automation, and process analysis. In just 6 months, James has been able to bring Mike up to speed on all aspects of his job and Mike has been performing many of the tasks on his own.

**Number of communications/publications (1-5%) Please do not include titles.**

8+

**External publications, presentations, patents (1-5%)**

Inventor/Co-inventor on 3 patents

**Internal presentations, publications (1-5%) Include SOPs, presentation to teams, etc.**

Author and Co-author on 5 R&D reports

Author and co-author of several project reports (internal analytical)

Author and co-author of several analytical methods.

Authored a number of Standard Operating Procedures

***Contribution to quality, safety, and other initiatives (1-5%)***

**Safety:**

James has always been a safety conscious person. He has made a number of safety suggestions over the years and several have been implemented. These include safety switches on instruments, emergency lighting in different locations and analyzer upgrade for class I div I.

James has been on the Emergency Response Team (ERT) at BTC for about 10 years. He participates in all of the annual training and drills and specific classes for the ERT's. He is the main contact and annually certified lockout tagout person in Analytical Services. He regularly participates in the BST observations and safety audits. He has made several safety presentations at the group and division levels.

**Quality:**

The quality of James' work is evident in everything he does. Whether it is a minor instrument repair or a design of a complicated process analyzer, he pays close attention to details and always delivers the highest quality results. His customers would attest to this which is one of the reasons that he has always been in such high demand and well respected for his work both inside and outside of Analytical.

**Continuing Education:**

Although most of James' training and education has been on the job and self learning, he has taken a number of classes in areas of refining, LabView programming, lab reactors, corrosion, process analysis and spectroscopy. He continues to expand his knowledge as the need arises for new areas of expertise such as process analysis. He is always open to learning and doing new things.

***Awards (1-5%)***

James has received "Exceptional" (top 10%) ratings for most of his years at the company. He was also promoted to a exempt position in 2009. He received a IR (R&D) 100 award in 1986 for an Analyzer Design.

***Professional and community activities (ACS, AIChE, outreach, etc.) (1-10%)***

James has participated in and helps out with local science and charitable activities such as ACS and United Way when he has the time and opportunity.



INTEROFFICE CORRESPONDENCE  
BARTLESVILLE, OKLAHOMA 74004

30 June 2011

TO: ACS Technician of the Year Committee

FROM: Mazi Sardashti, Chief Scientist/Director, NMR, IR and Process Analysis

RE: Nomination of James Stewart for 2011 ACS Technician of the Year

It is my pleasure to nominate James Stewart for the Technician of the Year Award. James has been working for Phillips/ConocoPhillips in Analytical Services for over 35 years. His main area of expertise is in electronics and analytical instrumentation. His current responsibilities include process control instrumentation design, building, installation and testing; reactor design and implementation and testing of control software such as LabView; and some troubleshooting of analytical instrumentation.

I have worked with James for over 21 years and he has been in my group for the past three years. For all the years before he was reporting to me, he was just as responsive and accommodating with my requests as he is now. He helped me in the NMR lab numerous times with troubleshooting and repair of equipment that resulted in tremendous cost saving. He has done the same thing for most if not all of the other labs over the 34 years that he has been in Analytical. So if one added up all of his contributions to Analytical, R&D, Phillips, Chevron-Phillips and ConocoPhillips over the years, I believe he would be one of the all time top cost savers for these organizations and companies. James received a well deserved promotion to an exempt status in 2009.

James has actively participated in all of our safety programs including BST, lab audits and safety equipment inspection. He joined the BTC's ERT program several years ago and stays up to date for all of the training requirements.

James is also one of the nicest persons that I know. He gets along well with everyone and always performs his job with highest degree of professionalism and attention to details. James and his wife Arlene have raised three wonderful girls who are all well educated and doing very well in life. He enjoys fishing and hunting and spends a lot of time with his family in southeast Oklahoma.

James is definitely one of the best technicians that we have at BTC and I strongly recommend him for this year's Technician of the Year Award.



INTEROFFICE CORRESPONDENCE  
BARTLESVILLE, OKLAHOMA 74004

30 June 2011

TO: ACS Technician of the Year Committee

FROM: Chris LaFrancois, Lead Senior Scientist, Carbon Conversion

RE: Nomination of James Stewart for 2011 ACS Technician of the Year

I would like to nominate James Stewart for the Technician of the Year Award. James has been a solid and high performing technician for many years with ConocoPhillips. James is known across the BTC, both COP and CPC, as well in operations as an expert in the fields of electronics and technical equipment design. James has designed, constructed, and commissioned fully automated reactor systems, ergonomic improvement devices, and robotic devices which have improved throughput, safety, and data reliability throughout the BTC and COP. In addition to constructing and developing control systems for a new sour gas membrane system in Sustainable Technologies and a water testing flow-loop system for Analytical Services this year, James and I are seeking patenting of an Oil-in-Water analyzer, of his making, which he successfully field tested at the Sweeny Refinery. James is THE resource when equipment is failing or when you need to make it do the extraordinary.

James has a very professional manner. He is frank and honest. When he makes a commitment, you can be sure that he will deliver with a very high level of quality. James has a strong commitment to his customers, putting their needs above his own. You may have seen him wheeling and hobbling around earlier this year when he continued to move projects forward while recovering from a compound leg fracture. He enjoys sitting in his recliner at home on the weekends while writing code for an automation project. When James reported to me, he made my work easier while doing the same for others.

Without reservation, I believe that James Stewart is worthy of the Technician of the Year honors. I would like to emphasize that James' impact transcends COP and CPC as well as R&D and business unit lines. I would recommend him for the Overall Outstanding Technician of the Year.

Customer Support:

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**From:** Paul, Uchenna P  
**Sent:** Friday, July 08, 2011 3:59 PM  
**To:** Sardashti, Mazi  
**Subject:** RE: Recommendation for James Stewart

I would like to recommend James Stewart for the 2011 Technician of the Year Award. In 2009 when the Berty Kinetic Unit was moved from the PCTC to the BTC, James completed the automation of the unit in a safe and timely manner. The timely automation of the unit made it possible for the completion of a VCIP goal. Since then, James has also assisted me with efficient automations of two other laboratory reactor units. I believe that James' excellent instrumentation skills alongside his consistently exhibition of behavior inline with ConocoPhillips' SPIRIT values qualifies him for this award.

Thanks.

Uchenna

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**From:** Gingerich, John J  
**Sent:** Thursday, July 07, 2011 1:00 PM  
**To:** Aichele, Clint  
**Cc:** Sardashti, Mazi  
**Subject:** RE: Recommendation for James Stewart

I would like to take the time to recommend James Stewart for Technician of the Year. James has consistently and patiently help both Clint Aichele and myself on two of our major projects, The Flat Flame Burner and The Wetted Wall column. He has provided expertise and system knowledge to get these two systems up and running in a timely fashion, and has always been willing to help overcome any obstacles we faced.

Thanks  
John Gingerich

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**From:** Anderson, Steve P  
**Sent:** Thursday, June 30, 2011 7:53 AM  
**To:** Sardashti, Mazi  
**Subject:** RE: Recommendation for James Stewart

Mazi,

James built and installed 6 gas autosamplers for the GC lab about 10 years ago. They are very rugged and are still running today and are a big help for the lab because of the automation. He is a very easy person to deal with. We have always enjoyed his visits to help us and has been quick to reply to any questions or problems we may have had.

Steve Anderson  
Gas Lab Chemist  
ConocoPhillips  
Sweeny Refinery Lab  
979-491-2311