SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 1 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY: **Department of Commerce, National Institute of Standards and Technology**

REPORTING PERIOD: OCTOBER 1 - MARCH 31 (Year) | X | APRIL 1 - SEPTEMBER 30 (Year) **FY15** | NEGATIVE REPORT

	TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	Matthew Connolly **Scientist**	**To attend the Integrative Graduate & Research Traineeship workshop.** **University of Missouri** DATES: 4/6/15 - 4/10/15	**Knoxville, TN** **4/6/14 - 4/14/15**	**University of Missouri**	**Airfare** **Lodging**	 	**X** **X**	**734.20** **495.00**
	Jabez McClelland **Project Leader**	**Give talk, "Ultracold Ions from Ultracold Atoms."** **University of Alabama, Birmingham** DATES: 4/10/15 - 4/10/15	**Birmingham, AL** **4/9/14 - 4/10/15**	**University of Alabama, Birmingham**	**Lodging** **Airfare**	**X** **X**	 	**92.00** **460.20**
	Michael Zwolak **Project Leader**	**Give talk, "Interrogating Biomolecules via Nanoscale Trans** **University of California, Merced** DATES: 4/10/15 - 4/10/15	**Merced, CA** **4/9/15 - 4/11/15**	**University of California, Merced**	**Meals** **Ground Transport** **Airfare** **Lodging**	**X** **X** 	 **X** **X**	**96.19** **135.00** **709.00** **191.00**
	Michael Zwolak **Project Leader**	**Give talk, "Interrogating Biomolecules via Nanoscale Trans** **University of California, Merced** DATES: 4/10/15 - 4/10/15	**Merced, CA** **4/9/15 - 4/11/15**	**University of California, Merced**	**Ground Transport**	 	**X** 	**200.00**

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Debbie Jin	DESCRIPTION To give the Edward Pollack Memorial Distinguished Lecture	LOCATION Storrs, CT	University of Connecticut	Airfare	X		706.00
				Lodging	X		105.76
TITLE NIST Fellow	SPONSOR University of Connecticut	DATES 4/9/15 - 4/11/15					
	DATES: 4/10/15 - 4/10/15						
NAME Yuri Ralchencko	DESCRIPTION Give talk on the analysis of spectra modeling codes.	LOCATION Cambridge, MA	The Institute for Theoretical Atomic, Molecular and Optical Physics	Lodging	X		750.00
TITLE Group Leader	SPONSOR The Institute for Theoretical Atomic Molecular and Optical Physics	DATES 4/12/15 - 4/15/15					
	DATES: 4/13/15 - 4/15/15						
NAME David Nesbitt	DESCRIPTION Give lectures at the Tulip Summer School.	LOCATION Amsterdam, Netherlands	University of Amsterdam	Airfare	X		1,304.60
				Ground Transport	X		215.00
TITLE NIST Fellow	SPONSOR University of Amsterdam	DATES 4/12/15 - 4/19/15		Meals		X	285.00
	DATES: 4/14/15 - 4/17/15			Lodging		X	1,366.20
NAME David Wollman	DESCRIPTION To speak at the regional workshop on Renewable Energy Science.	LOCATION Kingston, Jamaica	Organization of the American States	Airfare		X	400.00
				Lodging		X	629.92
TITLE Deputy Director	SPONSOR Organization of the American States	DATES 4/13/15 - 4/16/15		Meals		X	336.00
	DATES: 4/13/15 - 4/16/15						
NAME David Yashar	DESCRIPTION To speak at the regional workshop on Renewable Energy Science.	LOCATION Kingston, Jamaica	Organization of the American States	Airfare		X	457.50
				Lodging		X	582.18
TITLE Deputy Chief, Energy & Environment Division	SPONSOR Organization of the American States	DATES 4/13/15 - 4/16/15					
	DATES: 4/14/15 - 4/16/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 3 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce, National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | | NEGATIVE REPORT

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME **Edwin Chan** TITLE **Scientist**	DESCRIPTION **Attend the 2015 German-American Frontiers of Engineering Symposium** SPONSOR **Alexander von Humboldt Foundation** DATES: **4/16/15 - 4/18/15**	LOCATION **Potsdam, Germany** DATES **4/14/15 - 4/19/15**	**Alexander von Humboldt Foundation**	**Lodging** **Meals**		**X** **X**	**1,080.00** **353.75**
	NAME **Kathryn Beers** TITLE **Group Leader**	DESCRIPTION **Attend the 2015 German-American Frontiers of Engineering Symposium** SPONSOR **Alexander von Humboldt Foundation** DATES: **4/14/15 - 4/19/15**	LOCATION **Potsdam, Germany** DATES **4/14/15 - 4/19/15**	**Alexander von Humboldt Foundation**	**Lodging** **Meals**		**X** **X**	**1,120.00** **207.00**
	NAME **John Bollinger** TITLE **Physicist**	DESCRIPTION **Give talk, "Stimulating Quantum Magnetism with 2D Arrays of Ions"** SPONSOR **University of California Los Angeles, Dept of Physics & Astron** DATES: **4/16/15 - 4/17/15**	LOCATION **Los Angeles, CA** DATES **4/15/15 - 4/17/15**	**University of California Los Angeles, Dept of Physics & Astronomy**	**Airfare** **Lodging** **Meals**		**X** **X** **X**	**337.49** **354.00** **100.00**
	NAME **Pavel Kabos** TITLE **Scientist**	DESCRIPTION **Attend the Panel of Technical Editors Meeting** SPONSOR **Institute of Electrical and Electronics Engineers** DATES: **4/17/15 - 4/18/15**	LOCATION **Washington, DC** DATES **4/15/15 - 4/18/15**	**Institute of Electrical and Electronics Engineers**	**Airfare** **Lodging** **Meals** **Ground Transport**	 **X**	**X** **X** **X** 	**375.00** **458.00** **177.50** **576.29**

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TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Jay Hendricks	DESCRIPTION Attend International Union of Vacuum Science Technique meeting	LOCATION Verona, Italy	American Vacuum Society	Airfare	X		1,250.00
				Registration Fee	X		215.00
TITLE Research Chemist	SPONSOR American Vacuum Society	DATES 4/16/15 - 4/20/15		Lodging	X		360.00
	DATES: 4/16/15 - 4/20/15						
NAME Tom Perkins	DESCRIPTION Give colloquium for the Physics and Astronomy Department.	LOCATION Albuquerque, NM	University of New Mexico	Airfare	X		252.20
				Meals	X		81.00
TITLE Physicist	SPONSOR University of New Mexico	DATES 4/16/15 - 4/18/15		Ground Transport	X		58.33
	DATES: 4/17/15 - 4/17/15			Lodging		X	190.90
NAME Tom Perkins	DESCRIPTION Give colloquium for the Physics and Astronomy Department.	LOCATION Albuquerque, NM	University of New Mexico	Meals		X	34.00
TITLE Physicist	SPONSOR University of New Mexico	DATES 4/16/15 - 4/18/15					
	DATES: 4/17/15 - 4/17/15						
NAME Willie May	DESCRIPTION Preside over meetings of Metrology Committees	LOCATION Paris, France	Bureau International des Poids et Mesures	Lodging		X	1,745.00
TITLE Acting Director	SPONSOR Bureau International des Poids et Mesures	DATES 4/17/15 - 4/23/15					
	DATES: 4/19/15 - 4/22/15						
NAME Yi-Kai Liu	DESCRIPTION Give talk, "Privacy Amplification in the Isolated Qubits Model."	LOCATION Amsterdam, Netherlands	University of Amsterdam	Lodging		X	1,398.00
TITLE Computer Scientist	SPONSOR University of Amsterdam	DATES 4/19/15 - 5/2/15					
	DATES: 4/20/15 - 4/30/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 5 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce, National Institute of Standards & Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) | | NEGATIVE REPORT

X

2015

TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Yoshihiro Ohno**	DESCRIPTION **Give talk, "Fundamentals of Color-imetry and Color Measurements"**	LOCATION **Beijing, China**	**National Lighting Test Center**	**Lodging**		**X**	**677.85**
				Airfare		**X**	**1,384.00**
TITLE **Physicist**	SPONSOR **National Lighting Test Center**	DATES **4/19/15 - 4/26/15**		**Meals**		**X**	**476.00**
	DATES: **4/21/15 - 4/24/15**						
NAME **David Novotny**	DESCRIPTION **Present work on Configurable Robotic Millimeter Antenna Facility**	LOCATION **Williamsburg, VA**	**New River Kinematics**	**Lodging**		**X**	**$378.00**
TITLE **Electronics Engineer**	SPONSOR **New River Kinematics**	DATES **4/19/15 - 4/25/15**					
	DATES: **4/20/15 - 4/24/15**						
NAME **John Kitching**	DESCRIPTION **Give talk, "Chip Scale Atomic Clocks for Sensor Networks."**	LOCATION **Tokyo, Japan**	**Micromachine Center**	**Airfare**	**X**		**1,296.70**
				Lodging	**X**		**472.00**
TITLE **Physicist**	SPONSOR **Micromachine Center**	DATES **4/19/15 - 4/25/15**		**Meals**	**X**		**231.30**
	DATES: **4/20/15 - 4/24/15**						
NAME **William Phillips**	DESCRIPTION **Give talk and to meeting with physicists and students.**	LOCATION **Butte, MT**	**Montana Tech**	**Meals**		**X**	**46.00**
				Ground Transport		**X**	**210.00**
TITLE **NIST Fellow**	SPONSOR **Montana Tech**	DATES **4/20/15 - 4/26/15**		**Lodging**		**X**	**200.00**
	DATES: **4/23/15 - 4/23/15**			**Airfare**		**X**	**860.00**

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Bruce Ravel	DESCRIPTION To chair the Proposal Review Committee meeting	LOCATION Saskatoon, Canada	Canadian Light Source, Inc.	Airfare		X	600.00
				Ground Transport		X	40.00
TITLE Physicist	SPONSOR Canadian Light Source, Inc.	DATES 4/21/15 - 4/23/15		Lodging		X	300.00
	DATES: 4/22/15 - 4/22/15			Meals		X	180.00
NAME Peter Gehring	DESCRIPTION To co-chair a PhD defense examination of Shravani Chillal	LOCATION Zurich, Switzerland	Laboratorium fur Festkorperphysik	Airfare		X	1,562.00
				Lodging		X	312.80
TITLE Scientist	SPONSOR Laboratorium fur Festkorperphysik	DATES 4/21/15 - 4/24/15		Ground Transport		X	100.00
	DATES: 4/21/15 - 4/24/15			Meals		X	338.00
NAME Devin Edwards	DESCRIPTION External reviewer for undergrads submitting honor theses.	LOCATION Hamilton, NY	Colgate University, Dept of Physics and Astronomy	Airfare	X		733.32
				Lodging		X	382.00
TITLE Scientist	SPONSOR Colgate University, Dept of Physics and Astronomy	DATES 4/21/15 - 4/25/15		Meals		X	123.00
	DATES: 4/22/15 - 4/24/15						
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						

STANDARD FORM 326 (2-98) BACK

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 7 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) | | NEGATIVE REPORT

X | 2015

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME John Kasianowicz	DESCRIPTION Give talk, "Unlocking Fundamental Properties of Biological Molecules"	LOCATION Chapel Hill, NC	University of North Carolina, Dept of Applied Physical Sciences	Airfare	X		394.20
					Lodging	X		321.00
	TITLE Project Leader	SPONSOR University of North Carolina, Dept of Applied Physical Sciences	DATES 4/22/15 - 4/24/15		Meals	X		98.00
		DATES: 4/23/15 - 4/23/15			Ground Transport	X		17.02
	NAME Kartik Srinivasan	DESCRIPTION Give talk, "Quantum Frequency of Conversion of Single Photon State	LOCATION Dayton, OH	University of Dayton	Airfare		X	270.20
					Lodging		X	191.39
	TITLE Project Leader	SPONSOR University of Dayton	DATES 4/22/15 - 4/23/16		Meals		X	21.20
		DATES: 4/22/15 - 4/23/15						
	NAME Jeffrey Voas	DESCRIPTION Discuss content of upcoming Spectrum magazine.	LOCATION New York City, NY	Institute of Electrical and Electronics Engineers	Airfare		X	250.00
					Lodging		X	175.00
	TITLE Computer Scientist	SPONSOR Institute of Electrical and Electronics Engineers	DATES 4/23/15 - 4/24/15		Meals		X	125.00
		DATES: 4/24/15 - 4/24/15						
	NAME Jun Ye	DESCRIPTION Give talk, "Quantum Gas of Ultracold Molecules"	LOCATION Charlottesville, VA	Optical Society of America	Airfare	X		692.39
					Lodging	X		95.07
	TITLE NIST Fellow	SPONSOR Optical Society of America	DATES 4/23/15 - 4/24/15		Ground Transport	X		53.50
		DATES: 4/24/15 - 4/24/15						

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Daniel Swetz	DESCRIPTION Give a Condensed Matter Seminar.	LOCATION Urbana, IL	University of Illinois - Champaign	Airfare		X	500.00
				Lodging		X	166.00
TITLE Physicist	SPONSOR University of Illinois - Champaign	DATES 4/23/15 - 4/25/15		Meals		X	115.00
	DATES: 4/24/15 - 4/24/15			Ground Transport	X		316.50
NAME Timothy Weeks	DESCRIPTION To make a presentation at the Tubular Goods Research Institute.	LOCATION Shaanxi Province, China	Tubular Goods Research Institute	Airfare		X	1,200.00
				Lodging		X	600.00
TITLE Scientist	SPONSOR Tubular Goods Research Institute	DATES 4/25/15 - 4/29/15					
	DATES: 4/27/15 - 4/28/15						
NAME Robert Hanisch	DESCRIPTION Participate in a meeting on software sharing strategies.	LOCATION San Francisco, CA	American Astronomical Society	Airfare		X	500.00
				Lodging		X	600.00
TITLE Director, Office of Data and Informatics	SPONSOR American Astronomical Society	DATES 4/26/15 - 4/30/15		Meals		X	150.00
	DATES: 4/27/15 - 4/28/15						
NAME Eric Lin	DESCRIPTION To participate in the Materials Science Triennial Review.	LOCATION Oak Ridge, TN	Oak Ridge Associated Universities	Airfare		X	349.64
TITLE Division Chief	SPONSOR Oak Ridge Associated Universities	DATES 4/27/15 - 4/30/15					
	DATES: 4/30/15 - 4/30/15						
NAME Joan Dreiling	DESCRIPTION Participate in a data run on the Clemson electronic beam	LOCATION Clemson, SC	Clemson University, Department of Physics and Astronomy	Airfare	X		268.89
				Lodging	X		495.00
TITLE NIST Fellow	SPONSOR Clemson University, Department of Physics and Astronomy	DATES 4/27/15 - 5/2/15		Ground Transport	X		176.36
	DATES: 4/28/15 - 5/1/15			Meals	X		277.09

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 9 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) | NEGATIVE REPORT

X | **2015**

TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Vijay Srinivasan**	DESCRIPTION **Present a lecture at the Royal Institute of Technology.**	LOCATION **Lund, Sweden**	**Lund University**	**Airfare**		**X**	**1,235.29**
				Lodging		**X**	**1,176.68**
TITLE **Division Chief**	SPONSOR **Lund University**	DATES **4/28/15 - 5/7/15**					
	DATES: **4/30/15- 5/6/15**						
NAME **Debbie Jin**	DESCRIPTION **Give talk, "Topological and Strongly Correlated Phases in Ultracold"**	LOCATION **Princeton, NJ**	**Princeton University**	**Lodging**		**X**	**438.15**
				Airfare	**X**		**770.00**
TITLE **NIST Fellow**	SPONSOR **Princeton University**	DATES **4/28/15 - 5/1/15**		**Meals**	**X**		**56.49**
	DATES: **4/29/15 - 5/1/15**						
NAME **Leonard Hanssen**	DESCRIPTION **Give talk, "Infrared Spectrophotometry and Spectroradiometry"**	LOCATION **Beijing, China**	**National Institute of Metrology - China**	**Airfare**		**X**	**1,450.00**
				Lodging		**X**	**520.00**
TITLE **Physicist**	SPONSOR **National Institute of Metrology - China**	DATES **4/30/15 - 5/9/15**					
	DATES: **4/30/15 - 5/9/15**						
NAME **Rebecca Pugh**	DESCRIPTION **Give talk, "Development of NIST Marine Sample Tracking Data"**	LOCATION **Phoenix, AZ**	**International Society for Biological and Environmental Repositories**	**Lodging**		**X**	**253.74**
				Registration Fee		**X**	**900.00**
TITLE **Scientist**	SPONSOR **International Society for Biological and Environmental Repositories**	DATES **5/1/15 - 5/9/15**					
	DATES: **5/1/15 - 5/9/15**						

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Stephen Jordan	DESCRIPTION Give talk, "Toward Device Independently Secure Randomnes	LOCATION Barcelona, Spain	Institute of Photonic Sciences	Airfare	X		1,216.98
				Lodging		X	911.96
TITLE Physicist	SPONSOR Institute of Photonic Sciences	DATES 5/2/15 - 5/9/15		Registration Fee			217.00
	DATES: 5/4/15 - 5/8/15						
NAME Katrice Lippa	DESCRIPTION Serve as technical auditor for organic programs.	LOCATION Ottawa, Canada	National Research Council Canada Measurement Science & Standards	Airfare		X	950.00
				Lodging		X	388.00
TITLE Scientific Advisor	SPONSOR National Research Council Canada Measurement Science & Standards	DATES 5/4/15 - 5/6/15		Ground Transport		X	50.00
	DATES: 5/4/15 - 5/6/15			Meals	X		160.14
NAME	DESCRIPTION	LOCATION					
TITLE Physicist	SPONSOR	DATES					
	DATES:						
NAME Paul Lett	DESCRIPTION Give talk, "Photonic and Thermal Atom Nonlinear Interferometers"	LOCATION Bonn, Germany	University of Bonn	Lodging		X	608.00
				Meals		X	380.00
TITLE NIST Fellow	SPONSOR University of Bonn	DATES 5/9/15 - 5/16/15					
	DATES: 5/10/15 - 5/14/15						
NAME Henri Lezec	DESCRIPTION Give talk, "High-Contrast Sensing Using Hyperbolic Metamaterials"	LOCATION Lille, France	Imperial College London	Registration Fee	X		736.00
TITLE Project Leader	SPONSOR Imperial College London	DATES 5/9/15 - 5/17/15					
	DATES: 5/11/15 - 5/15/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 11 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

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EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME **Guru Khalsa** TITLE **Physicist**	DESCRIPTION **Give talk, "Engineering Spin-Orbit Effects in Complex Oxides"** SPONSOR **Eldgenossische Technische Hochschule** DATES: 5/10/15 - 5/12/15	LOCATION **Zurich, Switzerland** DATES **5/9/15 - 5/14/15**	**Eldgenossische Technische Hochschule**	**Airfare** **Meals** **Ground Transport**	**X** **X** **X**	 	**2,000.70** **568.00** **31.95**
	NAME **Stephen Long** TITLE **Scientist**	DESCRIPTION **Technical expert in accreditation assessment of caption laboratory.** SPONSOR **Hong Kong Accreditation Service** DATES: 5/9/15 - 5/16/15	LOCATION **Hong Kong** DATES **5/9/15 - 5/16/15**	**Hong Kong Accreditation Service**	**Meals** **Airfare** **Lodging** **Ground Transport**	**X** 	 **X** **X** **X**	**892.44** **1,742.00** **1,161.00** **38.70**
	NAME **James Thompson** TITLE **Physicist**	DESCRIPTION **Give talk, "Continuous Variable Entanglement in Atomic Systems"** SPONSOR **Wilhelm and Else Heraeus Foundation** DATES: 5/10/15 - 5/14/15	LOCATION **Hanau, Germany** DATES **5/9/15 - 5/19/15**	**Wilhelm and Else Heraeus Foundation**	**Airfare** **Lodging** **Meals**	**X** 	 **X** **X**	**1,089.22** **855.60** **344.00**
	NAME **James Thompson** TITLE **Physicist**	DESCRIPTION **Give talk, "Collective Effects for Enhancing Precision Measurement** SPONSOR **University of Amsterdam, Institute of Physics** DATES: 5/17/15 - 5/19/15	LOCATION **Amsterdam, Netherlands** DATES **5/17/15 - 5/19/15**	**University of Amsterdam, Institute of Physics**	**Lodging** **Meals**	 	**X** **X**	**517.50** **63.00**

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TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Ralph Jimenez	DESCRIPTION Attend the Division of Laser Science executive meeting.	LOCATION San Jose, CA	American Physical Society	Airare	X		900.00
TITLE Physicist	SPONSOR American Physical Society	DATES 5/10/15 - 5/14/15					
	DATES: 5/10/15 - 5/14/15						
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						
NAME Hui Wu	DESCRIPTION To present research on hydrogen storage materials.	LOCATION Dalian, China	Dalian Institute of Chemical Physics	Airfare		X	1,604.78
				Lodging		X	1,992.00
TITLE Scientist	SPONSOR Dalian Institute of Chemical Physics	DATES 5/10/15 - 5/25/15		Meals		X	1.782.00
	DATES: 5/11/15 - 5/22/15						
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						
NAME Adam Hannon	DESCRIPTION To give talk at the Department of Materials Science & Engineering	LOCATION Lille, France	Massachusetts Institute of Technology	Airfare		X	2,525.25
				Meals		X	375.00
TITLE Scientist	SPONSOR Massachusetts Institute of Technology	DATES 5/11/15 - 5/15/15		Lodging		X	415.00
	DATES: 5/11/15 - 5/15/15			Registration Fee		X	715.00

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 13 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY: **Department of Commerce-National Institute of Standards and Technology**

REPORTING PERIOD: OCTOBER 1 - MARCH 31 (Year) | X | APRIL 1 - SEPTEMBER 30 (Year) **2015** | NEGATIVE REPORT

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Martin Green**	DESCRIPTION **Give talk, "Materials Science for the Anthropocene."**	LOCATION **Columbus, OH**	**Ohio State University**	**Registration Fee**		X	**250.20**
				Lodging		X	**270.00**
TITLE **Group Leader**	SPONSOR **Ohio State University**	DATES **5/12/14 - 5/14/15**		**Meals**		X	**210.00**
	DATES: 5/12/15 - 5/14/15						
NAME **Willie May**	DESCRIPTION **To serve as an advisory committee board member.**	LOCATION **London, United Kingdom**	**National Physical Laboratory**	**Airfare**	X		**9,737.25**
				Lodging	X		**338.00**
TITLE **Acting Director**	SPONSOR **National Physical Laboratory**	DATES **5/12/15 - 5/14/15**		**Meals**	X		**395.34**
	DATES: 5/12/15 - 5/13/15						
NAME **Justin Shaw**	DESCRIPTION **Give talk, "Understanding Magnetic Properties and Magnetization."**	LOCATION **Uppsala, Stockholm, Sweden**	**Uppsala Universitet, Institutionen for Fysik och Astronomi**	**Lodging**		X	**708.00**
				Airfare (partial)		X	**152.00**
TITLE **Physicist**	SPONSOR **Uppsala Universitet, Institutionen for Fysik och Astronomi**	DATES **5/10/15 - 6/8/15**					
	DATES: 5/13/15 - 5/16/15						
NAME **Corey Stambaugh**	DESCRIPTION **Give talk, "Redefinition and Dissemination of Kilogram."**	LOCATION **Schenectady, NY**	**Union College, Department of Physics and Astronomy**	**POV mileage**	X		**441.50**
TITLE **Physicist**	SPONSOR **Union College, Department of Physics and Astronomy**	DATES **5/13/15 - 5/15/15**					
	DATES: 5/13/15 - 5/13/15						

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Mark Stiles	DESCRIPTION Give talk, "Spin-orbit Torques"	LOCATION New York, NY	International Business Machines, Thomas J Watson Research Center	Lodging	X		284.78
				Train	X		104.00
TITLE Project Leader	SPONSOR International Business Machines, Thomas J Watson Research Center	DATES 5/15/15 - 5/16/15		Meals	X		11.51
	DATES: 5/15/15 - 5/15/15						
NAME Howard Yoon	DESCRIPTION Give talk, "Thermodynamic Temperature Measurements"	LOCATION Buckinghamshire, United Kingdom	The Royal Society	Lodging		X	338.00
				Meals		X	206.00
TITLE Physicist	SPONSOR The Royal Society	DATES 5/16/15 - 5/22/15					
	DATES: 5/17/15 - 5/19/15						
NAME Joseph Curtis	DESCRIPTION Give talk, "A Framework for Multi-Scale Modeling of Scattering"	LOCATION Grenoble, France	Institut de Biologie Structurale	Lodging	X		1,115.49
TITLE Scientist	SPONSOR Institut de Biologie Structurale	DATES 5/17/15 - 5/23/15					
	DATES: 5/18/15 - 5/22/15						
NAME Mary Brady	DESCRIPTION To chair a panel at the State Certification Conference.	LOCATION Seattle, WA	Bipartisan Policy Center	Airfare		X	1,200.00
				Lodging		X	360.00
TITLE Manager	SPONSOR Bipartisan Policy Center	DATES 5/17/15 - 5/19/15		Meals			100.00
	DATES: 5/18/15 - 5/18/15			Ground Transport		X	75.00
NAME Michael Moldover	DESCRIPTION Give talk, "The Effects of Temperature Gradients"	LOCATION London, United Kingdom	The Royal Society	Lodging		X	338.00
				Meals			206.00
TITLE Physicist	SPONSOR The Royal Society	DATES 5/17/15 - 5/28/15					
	DATES: 5/18/15 - 5/19/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 15 | OF PAGES

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REPORTING PERIOD: OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | NEGATIVE REPORT

TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Vytas Reipa** TITLE **Nanotoxicology Team Leader**	DESCRIPTION **Give presentation at the Annual Conference of Korean Biochip Soc** SPONSOR **Hanyang University, Department of Bionano Technology** DATES: **5/20/15 - 5/24/15**	LOCATION **Ansan, Korea** DATES **5/18/15 - 5/24/15**	**Hanyang University, Department of Bionano Technology**	**Airfare** **Lodging** **Meals** **Ground Transport**	 	X X X X	**1,500.00** **500.00** **500.00** **250.00**
NAME **David Wineland** TITLE **Physicist**	DESCRIPTION **Give talk, "Exploring Quantum with Trapped Ions"** SPONSOR **University of Vienna** DATES: **5/18/15 - 5/22/15**	LOCATION **Vienna, Austria** DATES **5/16/15 - 5/23/15**	**University of Vienna**	**Airfare** **Lodging** **Meals** **Ground Transport**	 	X X X X	**5,822.64** **813.78** **360.00** **122.00**
NAME **David Wineland** TITLE **Physicist**	DESCRIPTION **Give talk, "Exploring Quantum with Trapped Ions"** SPONSOR **University of Vienna** DATES: **5/18/15 - 5/22/15**	LOCATION **Vienna, Austria** DATES **5/16/15 - 5/23/15**	**University of Vienna**	**Registration Fee**		X	**275.00**
NAME **Stephen Jordan** TITLE **Physicist**	DESCRIPTION **Give talk, "Quantum Algorithms for Relativistic Scattering Amplitudes"** SPONSOR **Stanford University, Department of Physics** DATES: **5/20/15 - 5/21/15**	LOCATION **Palo Alto, CA** DATES **5/19/15 - 5/23/15**	**Stanford University, Department of Physics**	**Airfare** **Meals** **Lodging** **Ground Transport**	X X X	 X 	**473.39** **252.00** **648.00** **60.00**

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TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Yoshihiro Ohno	DESCRIPTION Give talk, "Color Preference Based Light Emitting Diode Lighting."	LOCATION Sydney, Australia	Lighting Council Australia	Airfare		X	2,130.48
				Lodging		X	495.27
TITLE Physicist	SPONSOR Lighting Council Australia	DATES 5/22/15 - 6/2/15					
	DATES: 5/25/15 - 5/27/15						
NAME Konrad Lehnert	DESCRIPTION Participate in the Quantum Cavities 2015 Workshop.	LOCATION Toronto, Canada	Canadian Institute for Advance Research	Airfare	X		1,238.00
				Lodging		X	838.00
TITLE Physicist	SPONSOR Canadian Institute for Advance Research	DATES 5/26/15 - 5/31/15		Meals		X	252.00
	DATES: 5/27/15 - 5/30/15						
NAME Justin Shaw	DESCRIPTION Give talk,Ultrafast Element-Specific Magnetization Dynamics"	LOCATION Munich, Germany	Walther-Meibner Institut, Bayerisch Akademie der Wissenschaften	Lodging		X	350.00
				Train		X	105.00
TITLE Physicist	SPONSOR Walther-Meibner Institut, Bayerisch Akademie der Wissenschaften	DATES 5/10/15 - 6/8/15					
	DATES: 5/26/15 - 5/28-15						
NAME John Teufel	DESCRIPTION Give talk,"Quantum Measurement of Engineered Mechanical Systems	LOCATION Aachen, Germany	Canadian Institute for Advance Research	Lodging		X	696.00
				Meals		X	278.00
TITLE Physicist	SPONSOR Canadian Institute for Advance Research	DATES 5/26/15 - 5/31/15		Airfare	X		1156.70
	DATES: 5/27/15 - 5/30/15			Ground Transport	X		277.20
NAME Peter Mohr	DESCRIPTION Give talk, "Recent Progress in the Determination of Fundamental Con	LOCATION Bad Honnef, Germany	Wilhelm und Else Heraeus-Stiftung	Airfare	X		1,349.32
				Lodging	X		162.20
TITLE Physicist	SPONSOR Wilhelm und Else Heraeus-Stiftung	DATES 5/26/15 - 5/31/15		Meals	X		183.44
	DATES: 5/27/15 - 5/30/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 17 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) | NEGATIVE REPORT

X | **2015**

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME **Andrea Centrone** TITLE **Project Leader**	DESCRIPTION **Give talk,"Absorption Spectroscopy and Microscopy."** SPONSOR **University of Toronto, Terrence Donnelly Center for Cellular and** DATES: **5/26/15 - 5/29/15**	LOCATION **Hamilton, Canada** DATES **5/26/15 - 5/29/15**	**University of Toronto, Terrence Donnelly Center for Cellular and Biomolecular Research**	**Airfare** **Lodging** **Registration Fee**		**X** **X** **X**	**503.53** **219.93** **440.66**
	NAME **Johannes Soons** TITLE **Mechanical Engineer**	DESCRIPTION **Give talk, "New Approaches to Objective Firearm Identification."** SPONSOR **Cook County Public Defender Office** DATES: **5/28/15 - 5/29/15**	LOCATION **Chicago, IL** DATES **5/27/15 - 5/29/15**	**Cook County Public Defender Office**	**Airfare** **Lodging** **Meals** **Ground Transport**		**X** **X** **X** **X**	**400.00** **600.00** **200.00** **200.00**
	NAME **Gery Stafford** TITLE **Research Chemist**	DESCRIPTION **Participate in a workshop on stress controlled catalysis nanostructures** SPONSOR **Brown University** DATES: **5/31/15 - 6/2/15**	LOCATION **Providence, RI** DATES **5/31/15 - 6/2/15**	**Brown University**	**Airfare** **Lodging** **Ground Transport** **Meals**		**X** **X** **X** **X**	**283.20** **214.70** **100.00** **106.50**
	NAME **Sokwoo Rhee** TITLE **Associate Director**	DESCRIPTION **Give keynote speech on Smart America, Global City Team Challen** SPONSOR **Institute of Embedded Engineering of Korea** DATES: **6/2/15 - 6/6/15**	LOCATION **Cheju, Korea** DATES **6/2/15 - 6/14/15**	**Institute of Embedded Engineering of Korea**	**Airfare** **Lodging** **Ground Transport** **Meals**		**X** **X** **X** **X**	**5,000.00** **450.00** **300.00** **126.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Claire Saundry	DESCRIPTION Participate in the selection fo the next Executive Director	LOCATION New Delhi, India	Indo-US Science and Technology Forum	Airfare	X		8,089.01
				Lodging		X	582.00
TITLE Director, International and Academic Affairs	SPONSOR Indo-US Science and Technology Forum	DATES 6/3/15 - 6/6/15		Meals		X	218.00
	DATES: 6/5/15 - 6/5/15						
NAME Brian Zimmerman	DESCRIPTION To attend the Data Analysis Report of the Intercomparison Meeting	LOCATION Vienna, Austria	International Atomic Energy Agency	Lodging	X		960.00
				Meals	X		386.39
TITLE Research Chemist	SPONSOR International Atomic Energy Agency	DATES 6/5/15 - 6/21/15					
	DATES: 6/15/15 - 6/19/15						
NAME Vijay Srinivasan	DESCRIPTION Give keynote talk at the Manufacturing Performance Days	LOCATION Tampere, Finland	Tampere University of Technology	Airfare		X	1,038.00
				Train		X	110.84
TITLE Division Chief	SPONSOR Tampere University of Technology	DATES 6/5/15 - 6/10/15		Lodging		X	558.00
	DATES: 6/6/15 - 6/7/15						
NAME David Nesbitt	DESCRIPTION To review the Chemistry Department.	LOCATION Seoul, South Korea	Seoul National University	Airfare		X	5,000.00
				Lodging		X	920.00
TITLE NIST Fellow	SPONSOR Seoul National University	DATES 6/6/15 - 6/11/15		Meals		X	402.00
	DATES: 6/7/15 - 6/10/15						
NAME James St. Pierre	DESCRIPTION Serve as a panelist at the Global Information Summit.	LOCATION Tokyo, Japan	JAPAN Ministry of Internal Affairs and Communications	Airfare	X		5,920.00
				Lodging	X		1,125.00
TITLE Deputy Director	SPONSOR Ministry of Internal Affairs and Communications	DATES 6/6/15 - 6/10/15					
	DATES: 6/7/15 - 6/10/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 19 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) | | NEGATIVE REPORT

X | 2015

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME **Ian Spielman** TITLE **Physicist**	DESCRIPTION **Give talk, "Large Magnetic Fields in Synthetic Dimensions."** SPONSOR **American Physical Society** DATES: **6/7/15 -6/9/15**	LOCATION **Columbus, OH** DATES **6/6/15 - 6/12/15**	**American Physical Society**	**Registration Fee** **Lodging** **Meals** **Ground Transport**	 X X X	X 	**450.00** **636.00** **364.00** **485.16**
	NAME **Bruce Ravel** TITLE **Physicist**	DESCRIPTION **Present course on Methods o f Data Analysis for X-ray Absorption** SPONSOR **Synchrotron Light Research Institute** DATES: **6/8/15 - 6/10/15**	LOCATION **Nakhon Ratchasima, Thailand** DATES **6/6/15 - 6/17/15**	**Synchrotron Light Research Institute**	**Airfare** **Lodging** **Meals** **Ground Transport**	 	X X X X	**3,000.00** **600.00** **900.00** **250.00**
	NAME **Brian Kirby** TITLE **Scientist**	DESCRIPTION **Give talk,"Novel Functionalities in Magnetic Multilayers."** SPONSOR **Institute for Energy Technology, Physics Department** DATES: **6/8/15 - 6/9/15**	LOCATION **Lillestrom, Norway** DATES **6/6/15 - 6/10/15**	**Institute for Energy Technology, Physics Department**	**Airfare** **Lodging** 	 	X X 	**1,195.08** **450.00**
	NAME **Gordon Shaw** TITLE **Research Chemist**	DESCRIPTION **Give talk,"Small Force Measurement From Thin Films."** SPONSOR **Society for Experimental Mechanics, Inc.** DATES: **6/8/15 - 9/11/15**	LOCATION **Costa Mesa, CA** DATES **6/7/15 - 6/12/15**	**Society for Experimental Mechanics, Inc.**	**Meals** **Lodging** **Airfare** **Ground Transport**	 X X	X X 	**124.25** **298.00** **642.39** **330.19**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Ileana Martinez	DESCRIPTION Attend the World Accreditation Day	LOCATION Kingston, Jamaica	Jamaica National Agency for Accreditation	Airfare		X	776.53
				Lodging		X	633.00
TITLE Senior Standards Advisor	SPONSOR Jamaica National Agency for Accreditation	DATES 6/7/15 - 6/10/15		Meals		X	400.00
	DATES: 6/8/15 - 6/9/15						
NAME Nicholas Ritchie	DESCRIPTION Teach Focused Ion Beam and Problem Solving courses.	LOCATION Bethlehem, PA	Lehigh University, School of Microscopy	Lodging		X	400.00
				Meals		X	330.00
TITLE Physicist	SPONSOR Lehigh University, School of Microscopy	DATES 6/7/15 - 6/12/15					
	DATES: 6/7/15 - 6/12/15						
NAME Keana Scott	DESCRIPTION Teach Focused Ion Beam and Problem Solving courses.	LOCATION Bethlehem, PA	Lehigh University, School of Microscopy	Lodging		X	400.00
				Meals		X	330.00
TITLE Physical Scientist	SPONSOR Lehigh University, School of Microscopy	DATES 6/7/15 - 6/12/15					
	DATES: 6/7/15 - 6/12/15						
NAME Konrad Lehnert	DESCRIPTION Work on project: Wiring up quantum systems with mechanical	LOCATION New Haven, CT	Yale University	Airfare	X		490.20
				Ground Transport	X		416.16
TITLE Physicist	SPONSOR Yale University	DATES 6/8/15 - 6/25/15		Lodging		X	1,945.80
	DATES: 6/9/15 - 6/25/15						
NAME Katharine Gebbie	DESCRIPTION To speak and present a plaque at the Historic Sites Committee Mtg.	LOCATION Chicago, IL	American Physical Society	Airfare	X		299.60
				Lodging	X		103.00
TITLE Senior Advisor	SPONSOR American Physical Society	DATES 6/9/15 - 6/10/15		Ground Transport	X		271.96
	DATES: 6/10/15 - 6/10/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 21 | OF PAGES

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	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED: SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	X	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X	 X	$825 120
	Alexey Gorshkov **Physicist**	**Give talk, "Harnessing Quantum Systems with Long-Range Interacti** **Gordon Research Conferences** DATES: 6/15/15 - 6/19/15	**Boston, MA** **6/12/15 - 6/21/15**	**Gordon Research Conferences**	**Registration Fee** **Airfare**	 **X**	**X**	**975.00** **165.20**
	Michal Chojnacky **Physicist**	**Peer review of the quality system and calibration and measurement** **National Research Council** DATES: 6/16/15 - 6/18/15	**Ottawa, Canada** **6/12/15 - 6/18/15**	**National Research Council**	**Lodging** **Airfare** **Ground Transport** **Meals**	 **X** **X** **X**	**X**	**498.00** **406.94** **100.00** **197.50**
	John Teufel **Scientist**	**Give talk, "Quantum Behavior of Mechanical Systems"** **US National Academy of Sciences** DATES: 6/16/15 - 6/18/15	**Jeju, Korea** **6/13/15 - 6/19/15**	**US National Academy of Sciences**	**Airfare** **Lodging** **Meals** **Ground Transport**	 **X**	**X** **X** **X**	**2,281.30** **1,150.00** **936.00** **745.88**
	Eric Cornell **NIST Fellow**	**Give talk,"Ultracold to Strongly Interacting Quantum Systems"** **Gordon Research Conferences** DATES: 6/14/15 - 6/18/15	**Newport, RI** **6/14/15 - 6/18/15**	**Gordon Research Conferences**	**Registration Fee** **Airfare**	 **X**	**X**	**975.00** **200.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Dietrich Leibfried	DESCRIPTION Give talk, "Laser Cooling Methods for Trapped Ions"	LOCATION Newport, RI	Gordon Research Conferences	Lodging		X	265.00
				Meals		X	285.00
TITLE Physicist	SPONSOR Gordon Research Conferences	DATES 6/14/15 - 6/19/15		Registration Fee		X	425.00
	DATES: 6/14/15 - 6/19/15						
NAME David Wineland	DESCRIPTION Give talk, "Quantum Computers and Schroedinger's Cat."	LOCATION Bogota, Colombia	Universidad de los Andes	Airfare		X	2,500.00
				Lodging		X	500.00
TITLE Physicist	SPONSOR Universidad de los Andes	DATES 6/14/15 - 6/21/15		Meals		X	450.00
	DATES: 6/15/15 - 6/21/15			Ground Transport		X	300.00
NAME David Wineland	DESCRIPTION Give talk, "Single Atom Optical Clocks."	LOCATION Bogota , Colombia	Ruta N Callie	Airfare	X		160.00
				Lodging	X		240.00
TITLE Physicist	SPONSOR Ruta N Callie	DATES 6/14/15 - 6/21/15		Meals	X		92.23
	DATES: 6/15/15 - 6/21/15						
NAME Paul Stutzman	DESCRIPTION Give keynote speech at the Euroseminar on Microscopy.	LOCATION Delft, Netherlands	Universitair Docent	Lodging		X	540.00
				Registration Fee		X	650.00
TITLE Physical Scientist	SPONSOR Universitair Docent	DATES 6/14/15 - 6/20/15					
	DATES: 6/15/15 - 6/19/15						
NAME Trey Porto	DESCRIPTION Give talk, "Two Dimensional Super Exchange Mediated Magnetization"	LOCATION Newport, RI	Salve Regina University	Airfare	X		263.39
				Ground Transport	X		236.61
TITLE Physicist	SPONSOR Salve Regina University	DATES 6/14/15 - 6/19/15		Lodging		X	800.00
	DATES: 6/16/15 - 6/16/15			Meals		X	185.00

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 23 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | X | NEGATIVE REPORT |

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Matt Munson** TITLE **Scientist**	DESCRIPTION **Serve as a mentor for 2015 Synthetic Biology Leadership Prog** SPONSOR **Synberc** DATES: 6/14/15 - 6/19/15	LOCATION **Asilomar, CA** DATES **6/14/15 - 6/19/15**	**Synberc**	**Lodging** **Meals** **Ground Transport**	 	X X X	700.00 535.00 77.88
NAME **Jun Ye** TITLE **NIST Fellow**	DESCRIPTION **Give talk,"High Accuracy Atomic Clock and Quantum Physics"** SPONSOR **Gordon Research Conference** DATES: 6/16/15 - 6/16/15	LOCATION **Newport, RI** DATES **6/15/15 - 6/16/15**	**Gordon Research Conference**	**Registration Fee** **Airfare**	 X	X 	975.00 200.00
NAME **Jonathan Guyer** TITLE **Group Leader**	DESCRIPTION **Give lecture on Computational Kinetics** SPONSOR **University of Michigan, Department of Materials Science & Engineering** DATES: 6/15/15 - 6/16/15	LOCATION **Ann Arbor, MI** DATES **6/15/15 - 6/16/15**	**University of Michigan, Department of Materials Science & Engineering**	**Airfare** **Meals** **Lodging** **Ground Transport**	 	X X X X	800.00 112.00 400.00 150.00
NAME **Gregory Linteris** TITLE **Mechanical Engineer**	DESCRIPTION **Attend the 15th European Meeting on Fire Retardancy and Protection** SPONSOR **Bundesanstalt fur Materialforschung und Prufung** DATES: 6/21/15 - 6/25/15	LOCATION **Berlin, Germany** DATES **6/16/15 - 6/26/15**	**Bundesanstalt fur Materialforschung und Prufung**	**Lodging** **Registration Fee**	 	X X	522.00 680.00

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Debbie Jin	DESCRIPTION Give talk,"From Ultracold to Strong Interacting Quantum Systems."	LOCATION Newport, RI	Gordon Research Conferences	Registration Fee		X	975.00
				Ground Transport	X		200.00
TITLE NIST Fellow	SPONSOR Gordon Research Conferences	DATES 6/17/15 - 6/19/15					
	DATES: 6/17/15 - 6/19/15						
NAME Michael Coble	DESCRIPTION Give talk,"Rapidly Mutating Y-STRs for Improved Discrimination."	LOCATION Seattle, WA	Washington State Patrol	Airfare		X	900.00
				Lodging		X	380.00
TITLE Research Biologist	SPONSOR Washington State Patrol	DATES 6/17/15 - 6/19/15		Meals		X	228.00
	DATES: 6/18/15 - 6/18/15			Ground Transport		X	150.00
NAME Sudarsan Rachuri	DESCRIPTION Research collaboration with Indo-US Center of Excellence.	LOCATION Bangalore, India	Indo-US Science and Technology Forum	Airfare		X	1,414.00
TITLE Senior Researcher	SPONSOR Indo-US Science and Technology Forum	DATES 6/19/15 - 7/5/15					
	DATES: 6/20/15 - 7/4/15						
NAME Sudarsan Rachuri	DESCRIPTION Research collaboration with Indo-US Center of Excellence.	LOCATION Bangalore, India	Indian Institute of Science, Centre for Product Design & Management	Lodging		X	162.00
				Meals		X	75.00
TITLE Senior Researcher	SPONSOR Indian Institute of Science, Centre for Product Design & Management	DATES 6/19/15 - 7/5/15		Airfare		X	250.00
	DATES: 6/20/15 - 7/4/15						
NAME Dean Delongchamp	DESCRIPTION Give talk at the 8th International Conference on Molecular Electroni	LOCATION Tokyo, Japan	Chiba University, Center for Frontier Science	Airfare		X	2,279.00
TITLE Project Leader	SPONSOR Chiba University, Center for Frontier Science	DATES 6/19/15 - 6/30/15					
	DATES: 6/22/15 - 6/24/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 25 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | | NEGATIVE REPORT

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME **Ralph Jimenez** TITLE **Physicist**	DESCRIPTION **Present seminar and review the development in Biophysics.** SPONSOR **East China Normal University** DATES: 6/21/15 - 6/26/15	LOCATION **Shanghai, China** DATES **6/20/15 - 7/7/15**	**East China Normal University**	**Lodging** **Meals** **Ground Transport**		**X** **X** **X**	**1,185.00** **370.00** **100.00**
	NAME **Jeffrey Lynn** TITLE **Physicist**	DESCRIPTION **Give talk, "Superconductivity and Correlated Electrons."** SPONSOR **City University of Hong Kong** DATES: 6/21/15 - 6/26/15	LOCATION **Hong Kong** DATES **6/20/15 - 6/26/15**	**City University of Hong Kong**	**Registration Fee** **Lodging** **Meals**		**X** **X** **X**	**1,090.00** **1,420.00** **576.00**
	NAME **P. Jonathon Phillips** TITLE **Electronics Engineer**	DESCRIPTION **Give talk,"Grand Challenges and Progress in Face Recognition."** SPONSOR **Comitato Biometrics** DATES: 6/21/15 - 6/26/15	LOCATION **Alghero, Italy** DATES **6/21/15 - 6/26/15**	**Comitato Biometrics**	**Lodging** **Meals**		**X** **X**	**644.00** **400.00**
	NAME **Howard Yoon** TITLE **Physicist**	DESCRIPTION **Give talk,"Traceability of Solar Energy."** SPONSOR **Physikalisch Technische Bundesanstalt** DATES: 6/22/14 - 6/24/15	LOCATION **Buenos Aires, Argentina** DATES **6/21/15 - 6/25/15**	**Physikalisch Technische Bundesanstalt**	**Airfare** **Lodging** **Meals**		**X** **X** **X**	**1,270.00** **884.00** **363.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Elijah Petersen	DESCRIPTION Give talk,"Assays and Tolls for Bioaccumulation of Nanomaterials	LOCATION West Dover, VT	Gordon Research Conferences	Registration Fee		X	425.00
				Meals		X	410.00
TITLE Scientist	SPONSOR Gordon Research Conferences	DATES 6/21/15 - 6/26/15		Lodging		X	450.00
	DATES: 6/21/15 - 6/26/15						
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						
NAME Stephen Jordan	DESCRIPTION Give talk,"Quantum Information: From Philosophy to Technology"	LOCATION San Diego, CA	Qualcomm Incorporated	Airfare	X		587.39
				Meals	X		242.50
TITLE Physicist	SPONSOR Qualcomm Incorporated	DATES 6/22/15 - 6/25/15		Ground Transport	X		223.80
	DATES: 6/23/15- 6/24/15			Lodging		X	426.00
NAME Thomas Silva	DESCRIPTION Give talk,"History of the First Near Field Magneto-Optical Microscope"	LOCATION Exeter, United Kingdom	University of Exeter, School of Physics	Airfare	X		1,208.58
				Train	X		71.21
TITLE Electrical Engineer	SPONSOR University of Exeter, School of Physics	DATES 6/23/15 - 6/30/15		Lodging	X		462.00
	DATES: 6/25/15 - 6/26/15						
NAME Michael Halter	DESCRIPTION Give talk,"Quality Control in Image Cytometry"	LOCATION Glasgow, United Kingdom	International Society for Advancement of Cytometry	Lodging	X		1,227.30
				Meals	X		22.70
TITLE Scientist	SPONSOR International Society for Advancement of Cytometry	DATES 6/24/15 - 7/1/15					
	DATES: 6/26/15 - 6/30/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 27 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | X | NEGATIVE REPORT |

TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Charles Camp** TITLE **Electrical Engineer**	DESCRIPTION **Give lecture and visit labs at the School of Physics & Astronomy.** SPONSOR **Cardiff University** DATES: 6/29/15 - 7/5/15	LOCATION **Manchester, United Kingdom** DATES **6/29/15 - 7/2/15**	**Cardiff University**	**Lodging** **Registration Fee**	 	X X	**184.40** **414.89**
NAME **Charles Camp** TITLE **Electrical Engineer**	DESCRIPTION **Give lecture at the Microscience Microscopy Congress** SPONSOR **Royal Microscopy Society** DATES: 6/29/15 - 7/5/15	LOCATION **Manchester, United Kingdom** DATES **6/29/15 - 7/2/15**	**Royal Microscopy Society**	**Airfare** **Train** **Meals** **Registration Fee**	 	X X X X	**1,538.12** **78.00** **107.57** **378.96**
NAME **Miral Dizdar** TITLE **NIST Fellow**	DESCRIPTION **Give talk,"Oxidative DNA Damage: Biological Consequences."** SPONSOR **Superior Institute of Health** DATES: 6/28/15 - 6/30/15	LOCATION **Rome, Italy** DATES **6/25/15 - 7/1/15**	**Superior Institute of Health**	**Lodging**	X		**452.47**
NAME **Alexey Gorshkov** TITLE **Physicist**	DESCRIPTION **Give talk,"Strongly Interacting Photons in Rydberg Media"** SPONSOR **Harvard-Smithsonian Center for Astro-Physics** DATES: 6/29/15 - 7/1/15	LOCATION **Boston, MA** DATES **6/26/15 - 7/6/15**	**Harvard-Smithsonian Center for Astro-Physics**	**Airfare**	X		**505.30**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Charles Clark	DESCRIPTION Give talk,"Next Generation Atomtronics"	LOCATION Frankfurt, Germany	Optical Society of America	Lodging	X		1,414.00
TITLE NIST Fellow	SPONSOR Optical Society of America	DATES 6/26/15 - 7/2/15					
	DATES: 6/28/15 - 6/28/15						
NAME Christopher Oates	DESCRIPTION Disseminate NIST clock results and increase NIST visibility at school.	LOCATION Torino, Italy	Istituto Nazionale di Ricerca Metrologica	Airfare		X	2,010.50
				Lodging		X	1,000.00
TITLE Physicist	SPONSOR Istituto Nazionale di Ricerca Metrologica	DATES 6/26/15 - 7/4/15		Meals		X	480.50
	DATES: 6/26/15 - 7/2/15						
NAME Jun Ye	DESCRIPTION Give talk,"Dipolar Quantum Matter in Optical Lattices"	LOCATION Singapore, Singapore	National University of Singapore, Center for Quantum Technologies	Airfare		X	1,539.40
				Lodging		X	1,849.89
TITLE NIST Fellow	SPONSOR National University of Singapore, Center for Quantum Technologies	DATES 6/27/15 - 7/8/15		Meals		X	477.00
	DATES: 6/28/15 - 7/8/15			Registration Fee		X	795.05
NAME Eric Cornell	DESCRIPTION Give talk at the 22nd International Conference on Laser Spectroscopy	LOCATION Singapore, Singapore	National University of Singapore, Center for Quantum Technologies	Registration Fee		X	880.00
				Airfare		X	6,800.00
TITLE NIST Fellow	SPONSOR National University of Singapore, Center for Quantum Technologies	DATES 6/27/15 - 7/3/15		Lodging		X	1,320.00
	DATES: 6/28/15 - 7/3/15						
NAME Jabez McClelland	DESCRIPTION Meet to discuss nanoscale science and technology.	LOCATION Durham, United Kingdom	Durham University, Department of Physics	Airfare	X		1,086.51
				Lodging		X	973.00
TITLE Group Leader	SPONSOR Durham University, Department of Physics	DATES 6/27/15 -7/7/15		Meals		X	146.00
	DATES: 6/28/15 - 7/7/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 29 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | X | APRIL 1 - SEPTEMBER 30 (Year) **2015** | NEGATIVE REPORT

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	Piotr Domanski **Group Leader**	**Attend the International Energy Agency Heat Pump Program.** **American Society of Heating, Refrigeration & Air Conditioning Engineers** DATES: 6/27/15 - 6/30/15	**Atlanta, GA** **6/27/15 - 6/30/15**	**American Society of Heating, Refrigeration & Air Conditioning Engineers**	**Lodging**		**X**	**588.12**
	Daniel Friend **Special Assistant**	**Attend a meeting on the Properties of Water and Steam** **American Society for Mechanical Engineers** DATES: 6/28/15 - 7/3/15	**Stockholm, Sweden** **6/27/15 - 7/4/15**	**American Society for Mechanical Engineers**	**Airfare** **Lodging** **Meals** **Ground Transport**	**X** **X** **X** 	 **X**	**2,010.28** **800.00** **405.20** **365.25**
	William Phillips **NIST Fellow**	**Give talk,"Recent Developments in Quantum Physics at NIST"** **Max Planck Institute for Solid State Research** DATES: 7/5/15 - 7/7/15	**Stuttgart, Germany** **6/27/15 - 7/8/15**	**Max Planck Institute for Solid State Research**	**Lodging** **Meals**		**X** **X**	**491.44** **225.00**
	Rebecca Pugh **Scientist**	**Give talk,"Best Practices for Samples from the Pacific"** **Andra Centre Meuse Haute-Marne** DATES: 6/29/15 - 7/2/15	**Paris, France** **6/28/15 - 7/3/15**	**Andra Centre Meuse Haute-Marne**	**Meals** **Airfare** **Ground Transport** **Ground Transport**	 **X** **X** 	**X** **X**	**510.00** **1,379.98** **224.00** **10.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Jared Ragland	DESCRIPTION Give talk,"Best Practices for Samples from the Pacific"	LOCATION Paris, France	Andra Centre Meuse Haute-Marne	Lodging		X	405.00
				Meals		X	45.00
TITLE Scientist	SPONSOR Andra Centre Meuse Haute-Marne	DATES 6/28/15 - 7/9/15		Ground Transport		X	10.00
	DATES: 6/29/15 - 7/2/15			Airfare	X		1,379.98
NAME Jared Ragland	DESCRIPTION Give talk,"Best Practices for Samples from the Pacific"	LOCATION Paris, France	Andra Centre Meuse Haute-Marne	Ground Transport	X		224.00
TITLE Scientist	SPONSOR Andra Centre Meuse Haute-Marne	DATES 6/28/15 - 7/9/15					
	DATES: 6/29/15 - 7/2/15						
NAME Paul Becker	DESCRIPTION Give talk,"Best Practices for Samples from the Pacific"	LOCATION Paris, France	Andra Centre Meuse Haute-Marne	Lodging		X	405.00
				Meals		X	45.00
TITLE Scientist	SPONSOR Andra Centre Meuse Haute-Marne	DATES 6/28/15 - 7/3/15		Ground Transport		X	10.00
	DATES: 6/29/15 - 7/2/15			Airfare	X		1,379.98
NAME Paul Becker	DESCRIPTION Give talk,"Best Practices for Samples from the Pacific"	LOCATION Paris, France	Andra Centre Meuse Haute-Marne	Ground Transport	X		224.00
TITLE Scientist	SPONSOR Andra Centre Meuse Haute-Marne	DATES 6/28/15 - 7/3/15					
	DATES: 6/29/15 - 7/2/15						
NAME Michael Gullans	DESCRIPTION Give talk,"Few-Body Physics of Strongly Interacting Photons"	LOCATION Durham, United Kingdom	Durham University, Department of Physics	Airfare			1,084.95
TITLE Physicist	SPONSOR Durham University, Department of Physics	DATES 6/28/15 - 7/1/15					
	DATES: 6/30/15 - 6/30/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 31 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY: **Department of Commerce-National Institute of Standards and Technology**

REPORTING PERIOD: OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | X | NEGATIVE REPORT

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME: **John Kucklick** TITLE: **Scientist**	DESCRIPTION: **Give talk, "Analyte Stability in Reference Materials"** SPONSOR: **National Radioactive Waste Management Agency** DATES: 6/28/15 - 7/3/15	LOCATION: **Paris, France** DATES: **6/28/15 - 7/3/15**	**National Radioactive Waste Management Agency**	**Lodging**		**X**	**405.00**
					Meals		**X**	**105.00**
					Ground Transport		**X**	**35.63**
					Airfare	**X**		**1,379.98**
	NAME: **John Kucklick** TITLE: **Scientist**	DESCRIPTION: **Give talk, "Analyte Stability in Reference Materials"** SPONSOR: **National Radioactive Waste Management Agency** DATES: 6/28/15 - 7/3/15	LOCATION: **Paris, France** DATES: **6/28/15 - 7/3/15**	**National Radioactive Waste Management Agency**	**Train**	**X**		**200.00**
					Ground Transport	**X**		**24.00**
	NAME: **John Vinson** TITLE: **Scientist**	DESCRIPTION: **Give talk, "Calculating Near-Edge X-ray Spectroscopy."** SPONSOR: **Stanford Synchrotron Radiation Lightsource** DATES: 6/29/15 - 6/30/15	LOCATION: **Menlo Park, CA** DATES: **6/21/15 - 7/3/15**	**Stanford Synchrotron Radiation Lightsource**	**Airfare**		**X**	**93.62**
					Lodging		**X**	**324.00**
					Meals		**X**	**112.00**
					Ground Transport		**X**	**125.00**
	NAME: **Ronald Boisvert** TITLE: **Division Chief**	DESCRIPTION: **Participate in workshop on reproducibility in computing resear** SPONSOR: **Association for Computing Machinery** DATES: 7/2/15 - 7/2/15	LOCATION: **New York, NY** DATES: **7/1/15 - 7/2/15**	**Association for Computing Machinery**	**Lodging**		**X**	**235.00**
					Meals		**X**	**66.00**
					Ground Transport	**X**		**28.00**
					Train	**X**		**199.19**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						
NAME Robert Hanisch	DESCRIPTION To attend a workshop on establishing an open data repository	LOCATION Tucson, AZ	University of Arizona, School of Information	Lodging		X	166.00
				Meals		X	102.00
TITLE Director, Office of Data and Informatics	SPONSOR University of Arizona, School of Information	DATES 7/5/15 - 7/8/15		Airfare		X	500.00
	DATES: 7/5/15 - 7/8/15						
NAME Yvonne Kemper	DESCRIPTION Give talk,"Approximating the Chromatic Polynomial"	LOCATION Surrey, United Kingdom	Royal Holloway University of London	Airfare		X	1,300.00
				Lodging		X	1,344.00
TITLE Mathematician	SPONSOR Royal Holloway University of London	DATES 7/8/15 - 7/15/15		Meals		X	544.00
	DATES: 7/11/15 - 7/14/15			Registration Fee		X	225.00
NAME Muhammad Arif	DESCRIPTION Attend meeting of the Scientific and Technology Advisory Panel.	LOCATION Lund, Sweden	European Spallation Source	Airfare		X	1,032.03
				Lodging		X	514.50
TITLE Physicist	SPONSOR European Spallation Source	DATES 7/8/15 - 7/15/15		Ground Transport		X	38.36
	DATES: 7/13/15 - 7/14/15						
NAME Yuri Ralchenko	DESCRIPTION Attend meeting on Evaluation and Uncertainty Assessment.	LOCATION Vienna, Austria	International Atomic Energy Agency	Airfare	X		1,297.00
				Lodging	X		700.00
TITLE Physicist	SPONSOR International Atomic Energy Agency	DATES 7/11/15 - 7/25/15		Meals	X		452.00
	DATES: 7/13/15 - 7/15/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 33 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) | | NEGATIVE REPORT

X

2015

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	X	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X	 X	$825 120
NAME **Thomas Germer** TITLE **Physicist**	DESCRIPTION **To collaborate on optical scattering and ellipsometry.** SPONSOR **Universite Paris-Saclay** DATES: **7/12/15 - 7/31/15**	LOCATION **Palaiseau, France** DATES **7/11/15 - 8/1/15**	**Universite Paris-Saclay**	**Airfare** **Lodging** **Meals**	 X X	X 	**1,500.00** **2,680.00** **3,003.00**
NAME **Andrew Allen** TITLE **Physicist**	DESCRIPTION **Give talk,"Neutron and X-ray Characterization for New Elements** SPONSOR **National Institute for Materials Science** DATES: **7/14/15 - 7/16/15**	LOCATION **Tsukuba, Japan** DATES **7/12/15 - 7/17/15**	**National Institute for Materials Science**	**Airfare** **Lodging** **Meals**	 	X X X	**3,000.00** **560.00** **261.00**
NAME **Christopher Zangmeister** TITLE **Scientist**	DESCRIPTION **Give talk,"Quantitative Photoacoustic Spectroscopy"** SPONSOR **Washington University in St. Louis** DATES: **7/14/15 - 7/14/15**	LOCATION **St. Louis, MO** DATES **7/13/15 - 7/15/15**	**Washington University in St. Louis**	**Airfare** **Lodging** **Meals**	 	X X X	**355.20** **230.00** **115.50**
NAME **Trey Porto** TITLE **Physicist**	DESCRIPTION **To collaborate on interactions and super radiance in Rydberg gases.** SPONSOR **Institut d'Optique** DATES: **7/18/15 - 7/25/15**	LOCATION **Paris, France** DATES **7/17/15 - 7/25/15**	**Institut d'Optique**	**Airfare** **Meals** **Lodging**	 	X X X	**1,130.00** **475.00** **1,340.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Kalman Migler	DESCRIPTION Give talk,"Enabling Qualification of Manufacturing of Thermoplastics"	LOCATION Los Alamos, NM	Workshop on Additive Manufacturing, New Mexico Consortium	Airfare		X	494.00
				Lodging		X	282.00
TITLE Physicist	SPONSOR Workshop on Additive Manufacturing, New Mexico Conso	DATES 7/19/15 - 7/23/15		Ground Transport		X	201.00
	DATES: 7/19/15 - 7/23/15						
NAME Lyle Levine	DESCRIPTION Give talk at the Additive Manufacturing Materials Workshop	LOCATION Santa Fe, NM	Center for Integrated Nanotechnologies, Institute for Material Science	Airfare		X	700.00
				Registration Fee		X	250.00
TITLE Physicist	SPONSOR Center for Integrated Nanotechnol ogies/Institute for Material Science	DATES 7/19/15 - 7/22/15		Lodging		X	300.00
	DATES: 7/21/15 - 7/21/15						
NAME Miral Dizdar	DESCRIPTION Give talk, "Free Radical Damage to DNA:Mechanisms & Measurement	LOCATION Dublin, United Kingdom	Dublin City University, School of Chemical Science	Airfare	X		1,600.00
				Lodging	X		560.00
TITLE NIST Fellow	SPONSOR Dublin City University, School of Chemical Science	DATES 7/22/15 - 7/26/15					
	DATES: 7/22/15 - 7/26/15						
NAME Michael Boss	DESCRIPTION Attend the Converging Standards for Imaging in Biomarker Conferen	LOCATION Scottsdale, AZ	National Biomarker Development Alliance	Lodging		X	240.00
				Meals		X	350.00
TITLE Physicist	SPONSOR National Biomarker Development Alliance	DATES 7/26/15 - 7/28/15					
	DATES: 7/27/15 - 7/28/15						
NAME Jonathan Guyer	DESCRIPTION Teach phase transformations and phase field modeling.	LOCATION College Station, TX	Texas A&M University, Department of Aerospace Engineering	Airfare		X	1,000.00
				Lodging		X	204.00
TITLE Group Leader	SPONSOR Texas A&M University, Department of Aerospace Engineering	DATES 7/27/15 - 7/29/15		Meals		X	36.00
	DATES: 7/27/15 - 7/29/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 35 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY: **Department of Commerce-National Institute of Standards and Technology**

REPORTING PERIOD: OCTOBER 1 - MARCH 31 *(Year)* | X | APRIL 1 - SEPTEMBER 30 (Year) **2015** | NEGATIVE REPORT

TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED: SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Talapady Bhat**	DESCRIPTION **Participate in Worldwide Protein Data Bank Ligand Validation.**	LOCATION **Piscataway, NJ**	**Research Collaboratory for Structural Bioinformatics**	**Lodging**	**X**		**350.00**
				Ground Transport	**X**		**15.70**
TITLE **Scientist**	SPONSOR **Research Collaboratory for Structural Bioinformatics**	DATES **7/29/15 - 8/1/15**					
	DATES: **7/30/15 - 7/31/15**						
NAME **Jeffrey Fong**	DESCRIPTION **Give talk,"Finite Element Simulations of Crystal Plasticity"**	LOCATION **Cedex, France**	**French Atomic Energy Commission - Saclay**	**Lodging**	**X**		**1,348.00**
				Ground Transport	**X**		**200.00**
TITLE **Professor Emeritus**	SPONSOR **French Atomic Energy Commission - Saclay**	DATES **7/29/15 - 8/15/15**					
	DATES: **7/31/15 - 8/3/15**						
NAME **John Henry Scott**	DESCRIPTION **Give talk,"Strategies for Managing Information Technology in Microsc**	LOCATION **Iowa City, IA**	**Central Microscopy Research Facilities**	**Registration Fee**		**X**	**440.00**
TITLE **Physicist**	SPONSOR **Central Microscopy Research Facilities**	DATES **8/1/15 - 8/11/15**					
	DATES: **8/1/15 - 8/11/15**						
NAME **Martin Green**	DESCRIPTION **Attend a meeting of the Center for Next Generation of Materials.**	LOCATION **Golden, CO**	**National Renewable Energy Laboratory**	**Airfare**		**X**	**773.39**
				Lodging		**X**	**430.00**
TITLE **Group Leader**	SPONSOR **National Renewable Energy Laboratory**	DATES **8/5/15 - 8/7/15**		**Ground Transport**		**X**	**120.00**
	DATES: **8/6/15 - 8/7/15**			**Meals**		**X**	**117.50**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Jeffrey Voas	DESCRIPTION Co-chair a panel at the 2015 International Conference on Softwa	LOCATION Vancouver, Canada	Quality, Reliability, and Security Conference	Airfare		X	830.00
				Lodging		X	900.00
TITLE Computer Scientist	SPONSOR Quality, Reliability, and Security Conference	DATES 8/5/15 - 8/8/15					
	DATES: 8/5/15 - 8/8/15						
NAME David Nesbitt	DESCRIPTION To participate in the Editorial Advisory Board Meeting.	LOCATION Washington, DC	American Chemical Society	Lodging	X		721.03
				Airfare	X		273.97
TITLE NIST Fellow	SPONSOR American Chemical Society	DATES 8/8/15 - 8/17/15		Ground Transport	X		5.00
	DATES: 8/14/15 - 8/17/15						
NAME Konrad Lehnert	DESCRIPTION Give talk,"Quantum Opto and Nanomechanics"	LOCATION Les-Houches, France	Ecole de Physique des Houches	Lodging		X	1,240.00
				Meals		X	1,092.00
TITLE Physicist	SPONSOR Ecole de Physique des Houches	DATES 8/8/15 - 8/23/15		Ground Transport		X	100.00
	DATES: 8/9/15 - 8/22/15			Airfare	X		1,610.40
NAME Konrad Lehnert	DESCRIPTION Give talk,"Quantum Opto and Nanomechanics"	LOCATION Les Houches, France	Ecole de Physique des Houches	Ground Transport	X		118.60
				Meals	X		535.50
TITLE Physicist	SPONSOR Ecole de Physique des Houches	DATES 8/8/15 - 8/23/15					
	DATES: 8/9/15 - 8/22/15						
NAME Stephanie Candelaria	DESCRIPTION To attend the Postdoc to Faculty Workshop.	LOCATION Boston, MA	American Chemical Society	Lodging		X	560.00
				Meals			540.00
TITLE Scientist	SPONSOR American Chemical Society	DATES 8/13/15 - 8/15/15					
	DATES: 8/14/15 - 8/15/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 37 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | X | NEGATIVE REPORT |

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
				SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	NAME **Lisa Fredin**	DESCRIPTION **Present a poster at the Post-doc Faculty Workshop**	LOCATION **Somerville, MA**	**American Chemical Society**	**Lodging**		**X**	**166.00**
					Meals		**X**	**107.00**
	TITLE **Scientist**	SPONSOR **American Chemical Society**	DATES **8/13/15 -8/15/15**					
		DATES: **8/13/15 - 8/15/15**						
	NAME **Mark McLinden**	DESCRIPTION **Keynote speaker for the 24th International Congress of Refrigera**	LOCATION **Tokyo, Japan**	**International Congress of Refrigeration**	**Airfare**	**X**		**1,132.80**
					Lodging	**X**		**1,096.76**
	TITLE **Engineer**	SPONSOR **International Congress of Refrigeration**	DATES **8/15/15 - 8/22/15**		**Meals**	**X**		**270.44**
		DATES: **8/16/15 - 8/22/15**						
	NAME **Timothy Grance**	DESCRIPTION **Give talk at the Cloud Security Alliance Taiwan Congress**	LOCATION **Taipei, Taiwan**	**Cloud Security Alliance**	**Airfare**		**X**	**5,000.00**
	TITLE **Computer Scientist**	SPONSOR **Cloud Security Alliance**	DATES **8/15/15 - 8/23/15**					
		DATES: **8/18/15 - 8/20/15**						
	NAME **Daniel Madrzykowski**	DESCRIPTION **Participate in the Advisory Board Meeting for firefighter safety.**	LOCATION **Jackson, WY**	**Underwriters Laboratory Firefighter Safety Research Institute**	**Airfare**		**X**	**597.40**
					Lodging		**X**	**896.00**
	TITLE **Fire Protection Engineer**	SPONSOR **Underwriters Laboratory Firefighter Safety Research Institute**	DATES **8/16/15 - 8/20/15**					
		DATES: **8/16/15 - 8/20/15**						

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Jeffrey Voas	DESCRIPTION Keynote speaker at the Asia-Pacific Network Operations Conference.	LOCATION Busan, South Korea	Institute of Electrical and Electronics Engineers	Airfare		X	1,835.00
				Lodging		X	932.00
TITLE Computer Scientist	SPONSOR Institute of Electrical and Electronics Engineers	DATES 8/17/15 - 8/22/15					
	DATES: 8/19/15 - 8/21/15						
NAME Robert Hanish	DESCRIPTION To speak at the 2015 International Metrology Symposium	LOCATION Daejon, Korea	Korea Research Institute of Standards and Science	Lodging		X	405.00
				Airfare		X	1,300.00
TITLE Director, Office of Data and Informatics	SPONSOR Korea Research Institute of Standards and Science	DATES 8/23/15 - 8/28/15					
	DATES: 8/23/15 - 8/28/15						
NAME Lidong Chen	DESCRIPTION To give lectures at the Standards and Certifications Workshop.	LOCATION Waterloo, Ontario, Canada	University of Waterloo, Institute for Quantum Computing	Airfare		X	800.00
				Lodging		X	700.00
TITLE Mathematician	SPONSOR University of Waterloo, Institute for Quantum Computing	DATES 8/23/15 - 8/25/15		Ground Transport		X	400.00
	DATES: 8/24/15 - 8/25/15						
NAME Charles Majkrzak	DESCRIPTION Reviewer of the High Flux Isotope Reactor for Basic Energy Sciences	LOCATION Oak Ridge, TN	Oak Ridge Institute for Science and Education	Airfare	X		617.39
				Lodging	X		337.00
TITLE Scientist	SPONSOR Oak Ridge Institute for Science and Education	DATES 8/24/15 - 8/27/15		Meals	X		161.00
	DATES: 8/24/15 - 8/27/15			Ground Transport	X		536.00
NAME David Nesbitt	DESCRIPTION Give talk,"Dynamics Via High Resolution Infrared Spectroscopy"	LOCATION Dijon, France	National Center for Scientific Research	Airfare	X		500.00
				Registration Fee		X	329.63
TITLE NIST Fellow	SPONSOR National Center for Scientific Research	DATES 8/24/15 - 8/30/15		Lodging		X	1,050.00
	DATES: 8/25/15 - 8/28/15			Meals		X	128.00

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 39 | OF PAGES

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REPORTING DEPARTMENT OR AGENCY

Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | | NEGATIVE REPORT

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
				SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	Xiaoyu Zheng **Mechanical Engineer**	**To present the NIST Research Ballistics Toolmark Database.** **Research Triangle International** DATES: 8/24/15 - 8/27/15	**San Antonio, TX** **8/24/15 - 8/28/15**	**Research Triangle International**	**Lodging**		**X**	**460.00**
	Renu Sharma **Project Leader**	**Give talk, "In Situ Characterization of Catalyst Nanoparticles"** **University of Delaware** DATES: 8/25/15 - 8/27/15	**Newark, DE** **8/24/15 - 8/27/15**	**University of Delaware**	**Lodging** **Meals** **Ground Transport**	 **X** **X**	**X** 	**414.00** **130.00** **252.00**
	Lyle Levine **Physicist**	**Participate on the review committee for Photon Sciences.** **University of Chicago at Argonne National Laboratory** DATES: 8/24/15 - 8/27/15	**Chicago, IL** **8/24/15 - 8/27/15**	**University of Chicago at Argonne National Laboratory**	**Airfare** **Lodging** **Ground Transport**	 	**X** **X** **X**	**318.00** **225.00** **180.00**
	Jun Ye **Physicist**	**Give talk,"Frequency Comb Spectroscopy"** **Centre National de la Recherche Scientific** DATES: 8/25/15 - 8/26/15	**Dijon, France** **8/25/15 - 8/27/15**	**Centre National de la Recherche Scientific**	**Registration Fee** **Lodging** **Meals** **Airfare**	 **X**	**X** **X** **X** 	**329.63** **320.00** **168.00** **500.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Konrad Lehnert	DESCRIPTION Give a talk at the Axion Cavity Workshop.	LOCATION Almeda, CA	University of Washington	Airfare	X		483.20
				Ground Transport	X		79.46
TITLE Physicist	SPONSOR University of Washington	DATES 8/26/15 - 8/27/15		Lodging	X		149.00
	DATES: 8/26/15 - 8/27/15						
NAME Andrew Persily	DESCRIPTION To make a presentation at the annual meeting and conference.	LOCATION Key West, FL	National Air Filtration Association	Airfare		X	450.00
				Lodging		X	450.00
TITLE Division Chief	SPONSOR National Air Filtration Association	DATES 8/27/15 - 8/31/15		Meals		X	195.00
	DATES: 8/27/15 - 8/30/15			Ground Transport		X	50.00
NAME Bradford Wing	DESCRIPTION Teach a Forensic Odontology course.	LOCATION New Orleans, LA	Louisiana State University, Health Continuing Dental Education	Lodging		X	450.00
				Airfare		X	340.00
TITLE Information Technology Specialist	SPONSOR Louisiana State University, Health Continuing Dental Education	DATES 8/28/15 - 8/30/15					
	DATES: 8/28/15 - 8/30/15						
NAME John Bollinger	DESCRIPTION Give talk,"Simulating Quantum Magnetism with 2D Arrays"	LOCATION Dresden, Germany	Max Planck Institute for the Physics of Complex Systems	Lodging		X	1,000.00
				Meals		X	824.00
TITLE Physicist	SPONSOR Max Planck Institute for the Physics of Complex Systems	DATES 8/29/15 - 9/5/15					
	DATES: 8/31/15 - 9/4/15						
NAME Dale Bentz	DESCRIPTION To make a presentation on cement based materials.	LOCATION Mexico City, Mexico	American Society for Testing and Materials	Airfare		X	373.63
				Lodging		X	182.00
TITLE Chemical Engineer	SPONSOR American Society for Testing and Materials	DATES 8/30/15 - 9/1/15					
	DATES: 8/31/15 - 9/1/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 41 | OF PAGES

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Department of Commerce-National Institute of Standards and Technology

REPORTING PERIOD

OCTOBER 1 - MARCH 31 *(Year)* | | APRIL 1 - SEPTEMBER 30 (Year) **2015** | X | NEGATIVE REPORT |

TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
NAME **Simson Garfinkel** TITLE **Senior Advisor**	DESCRIPTION **To discuss NIST's contribution to privacy initiatives.** SPONSOR **Computing Research Association** DATES: 8/31/15 - 9/1/15	LOCATION **Pittsburgh, PA** DATES **8/31/15 - 9/1/15**	**Computing Research Association**	**Lodging** **Airfare**	 	X X	**291.84** **242.70**
NAME **Paul Grassi** TITLE **Information Technology Specialist**	DESCRIPTION **Give talk at the Privacy Workshop.** SPONSOR **Computing Community Consortium** DATES: 8/31/15 - 9/1/15	LOCATION **Pittsburgh, PA** DATES **8/31/15 - 9/1/15**	**Computing Community Consortium**	**Lodging** **Meals** **Ground Transport**	 	X X X	**300.00** **106.50** **100.00**
NAME **James Warren** TITLE **Technical Program Director**	DESCRIPTION **Give talk at a workshop on Interfaces, Stresses, and Stability** SPONSOR **Purdue University, School of Materials Engineering** DATES: 8/31/15 - 9/4/15	LOCATION **West Lafayette, IN** DATES **8/31/15 - 9/4/15**	**Purdue University, School of Materials Engineering**	**Lodging** **Meals**	 	X X	**624.00** **284.00**
NAME **Alan Thompson** TITLE **Physicist**	DESCRIPTION **Peer review of the calibration and measurement systems.** SPONSOR **National Research Council of Canada** DATES: 8/31/15 - 9/4/15	LOCATION **Ottawa, Ontario, Canada** DATES **8/31/15 - 9/4/15**	**National Research Council of Canada**	**Airfare** **Lodging** **Meals**	 	X X X	**688.53** **535.46** **305.98**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Naomi Lefkovitz	DESCRIPTION Give presentation at the Privacy Workshop.	LOCATION Pittsburgh, PA	Computing Community Consortium	Ground Transport		X	100.00
				Lodging		X	300.00
TITLE Information Technology Specialist	SPONSOR Computing Community Consortium	DATES 8/31/15 - 9/1/15		Meals		X	106.50
	DATES: 8/31/15 - 9/1/15						
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						
NAME Debbie Jin	DESCRIPTION Give talk,"Universal Dynamics of a Degenerate Unitary Bose Gas."	LOCATION Sant Feliu de Gulxois, Spain	Bose-Einstein Condensation 2015	Lodging		X	609.34
				Registration Fee		X	220.00
TITLE NIST Fellow	SPONSOR Bose-Einstein Condensation 2015	DATES 9/4/15 - 9/11/15					
	DATES: 9/5/15 - 9/11/15						
NAME Ian Spielman	DESCRIPTION Give talk,"Gauge Fields in Multi Level Atoms:Synthetic Dimensions	LOCATION Sant Feliu de Gulxois, Spain	Ecole Normale Superieure	Lodging		X	912.00
				Registration Fee		X	384.00
TITLE Physicist	SPONSOR Ecole Normale Superieure	DATES 9/4/15 - 9/11/15					
	DATES: 9/5/15 - 9/11/15						
NAME William Phillips	DESCRIPTION Give talk,"40 Years of Laser Cooling: Still Surprises"	LOCATION Sant Feliu de Gulxois, Spain	Ecole Normale Superieure	Meals		X	222.00
				Lodging		X	515.28
TITLE NIST Fellow	SPONSOR Ecole Normale Superieure	DATES 9/4/15 - 9/12/15					
	DATES: 9/6/15 - 9/11/15						

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 43 | OF PAGES

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EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	Jacob Taylor **Physicist**	**Give talk,"Coupling Spins to Photons for Quantum Computation** SPONSOR: **University of Copenhagen** DATES: 9/5/15 - 9/10/15	**Copenhagen, Denmark** DATES: **9/6/15 - 9/12/15**	**University of Copenhagen**	**Airfare** **Lodging**		**X** **X**	**874.00** **945.00**
	Paul Butler **Scientist**	**Give talk,"Developing a Sample Environment, Present and Future"** SPONSOR: **European Spallation Source** DATES: 9/10/15 - 9/11/15	**Lund, Sweden** DATES: **9/9/15 - 9/11/15**	**European Spallation Source**	**Lodging** **Ground Transport**		**X** **X**	**669.00** **60.00**
	Yaw Obeng **Research Chemist**	**Give talk,"Impact of Through Silicon Via on Signal Integrity."** SPONSOR: **High Density Packaging User Group** DATES: 9/9/15 - 9/9/15	**Atlanta, GA** DATES: **9/8/15 - 9/10/15**	**High Density Packaging User Group**	**Lodging** **Airfare**		**X** **X**	**480.00** **260.00**
	Kyle Beloy **Scientist**	**Give talk,"Hyperfine Structure in Nuclear Excitation Energy."** SPONSOR: **Vienna University of Technology** DATES: 9/14/15 - 9/16/15	**Vienna, Austria** DATES: **9/12/15 - 9/16/15**	**Vienna University of Technology**	**Airfare** **Lodging** **Meals**		**X** **X** **X**	**1,160.60** **800.00** **523.00**

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Mark Stiles	DESCRIPTION Discuss measurement needs in the area of nanoelectronics.	LOCATION Riverside, CA	University of California, Riverside, Department of Physics & Astronomy	Airfare		X	366.00
				Lodging		X	657.00
TITLE Project Leader	SPONSOR University of California, Riverside, Department of Physics & Astronomy	DATES 9/13/15 - 9/16/15		Ground Transport		X	40.00
	DATES: 9/14/15 - 9/15/15			Meals		X	142.00
NAME Taner Yildirim	DESCRIPTION Give talk,"High Capacity Hydrogen Methane Storage in Porous Material	LOCATION Izmir, Turkey	Izmir Institute of Technology	Airfare		X	4,152.10
				Lodging		X	1,296.00
TITLE Scientist	SPONSOR Izmir Institute of Technology	DATES 9/14/15 - 9/20/15					
	DATES: 9/15/15 - 9/19/15						
NAME Daniel Madrzykowski	DESCRIPTION Participate in Firefighter Safety Through Advance Research.	LOCATION Fairfax, VA	International Association of Fire Chiefs	Airfare		X	600.00
				Lodging		X	600.00
TITLE Fire Protection Engineer	SPONSOR International Association of Fire Chiefs	DATES 9/17/15 - 9/20/15					
	DATES: 9/18/15 - 9/19/15						
NAME Jun Ye	DESCRIPTION Give talk,"Exotic Quantum Matter Probed with Clock Precision"	LOCATION Madison, WI	University of Wisconsin, Madison	Lodging		X	464.00
				Registration Fee		X	200.00
TITLE NIST Fellow	SPONSOR University of Wisconsin, Madison	DATES 9/21/15 - 9/24/15		Airfare	X		595.20
	DATES: 9/21/15 - 9/24/15			Ground Transport	X		120.00
NAME James Thompson	DESCRIPTION Give talk on Many Body Quantum Systems.	LOCATION Madison, WI	University of Wisconsin, Madison	Airfare	X		595.20
				Ground Transport	X		120.00
TITLE Physicist	SPONSOR University of Wisconsin, Madison	DATES 9/20/15 - 9/24/15		Lodging		X	533.60
	DATES: 9/20/15 - 9/24/15			Registration Fee		X	200.00

SEMIANNUAL REPORT OF PAYMENTS ACCEPTED FROM A NON-FEDERAL SOURCE

Form Approval No.: 0416-GSA-SA | PAGE 45 | OF PAGES

This report implements 31 U.S.C. 1353. It does not supersede other reports that may have to be filed when travel or travel expenses are accepted under other authority. For defintions and policies, see 41 CFR part 304-1.

REPORTING DEPARTMENT OR AGENCY: **Department of Commerce-National Institute of Standards and Technology**

REPORTING PERIOD: OCTOBER 1 - MARCH 31 *(Year)* | X | APRIL 1 - SEPTEMBER 30 (Year) **2015** | NEGATIVE REPORT

	TRAVELER *(Name/Title)*	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
EXAMPLES	John Smith Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Hotel Air Transportation Meals	 X 	X X	$280 825 120
	Joyce Smith Spouse of Secretary	Conference on Asia-Pacific Relations sponsored by Asia-Pacific Forum.	San Francisco, CA 8/11 - 13/93	Asia-Pacific Forum Pacific Rim Assoc.	Air Transportation Meals	X 	 X	$825 120
	Alexey Gorshkov **Physicist**	**Give talk,"Topological Phases in Systems"** **Banff International Research Station** DATES: 9/21/15 - 9/25/15	**Banff, Canada** **9/20/15 - 9/25/15**	**Banff International Research Station**	**Lodging** **Meals**	 	**X** **X**	**800.00** **400.00**
	Renu Sharma **Project Leader**	**Give talk,"Correlative Microscopy for In SItu Characterization"** **Rice University** DATES: 9/21/15 - 9/22/15	**Houston, TX** **9/20/15 - 9/23/15**	**Rice University**	**Lodging** **Airfare** **Ground Transport**	 X X	**X** 	**302.00** **616.39** **380.09**
	Joseph Kline **Materials Research Engineer**	**Give lecture at the Disordered and Ordered Materials Symposium.** **Yerevan State University** DATES: 6/24/15 - 9/28/15	**Yerevan, Armenia** **9/22/15 - 9/28/15**	**Yerevan State University**	**Airfare** **Lodging** **Ground Transport**	 	**X** **X** **X**	**1,500.00** **550.00** **50.00**
	Simone Gittelson **Mathematical Statistician**	**Present a workshop to DNA Analysts on mathematical interpret[illegible]** **Northeastern Association of Forensic Scientists** DATES: 9/25/15 - 9/26/15	**Allentown, PA** **9/24/15 - 9/27/15**	**Northeastern Association of Forensic Scientists**	**Lodging**	 	**X**	**264.00**

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Prescribed by GSA/OGE (41 CFR 304-1)

NIST

TRAVELER (Name/Title)	EVENT DESCRIPTION/SPONSOR/DATES	LOCATION AND TRAVEL DATES	BENEFITS ACCEPTED				
			SOURCE	DESCRIPTION	CHECK	IN-KIND	AMOUNT
NAME Dana Leaman	DESCRIPTION Participate in an evaluation team on Accreditation Bodies.	LOCATION Tokyo, Japan	International Accreditation Japan	Airfare		X	9,846.00
				Lodging		X	2,034.00
TITLE Program Manager	SPONSOR International Accreditation Japan	DATES 9/25/15 - 10/3/15		Ground Transport		X	376.00
	DATES: 9/28/15 - 10/2/15						
NAME Allan Harvey	DESCRIPTION To attend the 2015 Journal Editors Fall Conference.	LOCATION Melville, NY	American Institute of Physics Publishing	Lodging		X	400.00
TITLE Scientist	SPONSOR American Institute of Physics Publishing	DATES 9/27/15 - 9/29/15					
	DATES: 9/27/15 - 9/28/15						
NAME Ronald Boisvert	DESCRIPTION Participate in a meeting of the Publications Board.	LOCATION New York, NY	Association for Computing Machinery	Lodging		X	608.00
				Meals		X	167.50
TITLE Division Chief	SPONSOR Association for Computing Machinery	DATES 9/27/15 - 9/30/15					
	DATES: 9/27/15 - 9/29/15						
NAME Michael Wall	DESCRIPTION Give an Atomic, Molecular, and Optical seminar.	LOCATION Houston, TX	Rice University	Lodging	X		282.00
				Airfare	X		628.20
TITLE Scientist	SPONSOR Rice University	DATES 9/28/15 - 10/2/15		Meals	X		177.50
	DATES: 9/29/15 - 10/1/15			Ground Transport	X		191.98
NAME	DESCRIPTION	LOCATION					
TITLE	SPONSOR	DATES					
	DATES:						