

AWARDS
Alessandro Bacchetta, Nathan Isgur Distinguished Fellowship , 2008-2009
Anatoly Radyushkin, 2008 Distinguished Research Award , Old Dominion University
Student Award: Ian Cloet, shared 2008 SURA Thesis Prize
Student Award: Giovanni Chirilli, JSA/Jefferson Laboratory Graduate Fellowship , 2008-2009
U.S. Patent No. 7,444,009 B1 issued October 28, 2008: Method to Improve Cancerous Lesion Detection Sensitivity in a Dedicated Dual-Head Scintimammography System by Douglas A. Kieper, Stanislaw Majewski, Benjamin L. Welch
Student Award: Yoni Kahn, second prize, National DOE Undergraduate Poster Contest , Oak Ridge, Nov. 2008
Science Champion Discovery Award (Discovery Center, Halifax) – Adam Sarty – November, 2008
APS Fellow Jian-Ping Chen, Physics Division. Citation from Hadronic Physics: For contributions to understanding the spin structure of the neutron, through the use of a polarized Helium-3 target. December, 2008
APS Fellow Peter Kneisel, Accelerator Division. Citation from Physics of Beams: For pioneering contributions to superconducting rf science and technology through a wide range of research and development advances. December, 2008
DOE Office of Science Best in Class Environmental Sustainability Award for fiscal Year 2008 for two projects spearheaded by JLab staff: Circuit Board Saves Cable and Refurbished Sodium Iodide Crystals Serve New Use, December 2008
U.S. Patent No. 7,471,052 B2 issued December 30, 2008: Cryogenic Vacuum RF Feedthrough Device invented by Genfa Wu and Harry Lawrence Phillips
Department of Energy Office of Science Best in Class Environmental Sustainability Award – Jian-Ping Chen – December, 2008
DOE Science Best in Class Environmental Sustainability Award – Alexandre Camsonne – December, 2008
APS Fellow Gerassimos Petratos, Kent State University and JLab Physics User. Citation from Nuclear Physics: For numerous contributions to high energy electromagnetic physics, including the SLAC nucleon spin physics program, and the SLAC and Jefferson Lab few-body physics programs. December, 2008
Paul Harris Fellow (Rotary Award) – Doug Higinbotham – December, 2008
APS Fellow Charles J. Horowitz, Indiana University and JLab Theory User. Citation from Nuclear Physics: For seminal and sustained contributions to relativistic descriptions of nuclei, nuclear reactions, and dense matter. December, 2008
APS Fellow Daniel Phillips, Ohio University and JLab Theory User. Citation from Few-Body Systems & Multiparticle Dynamics: For his research on effective hadronic theories of few-nucleon systems, especially on the role of the Delta(1232) and the description of electromagnetic reactions on light nuclei, and their application in obtaining reliable information on neutron properties from experimental data. December, 2008
2008 Hampton Roads Sanitation District Pretreatment Excellence Gold Award (CY2008), Jan-2009, Virginia
Virginia Environmental Excellence Program (VEEP) partner, Jan-2009, Virginia
National Safety Council 2009 Occupational Excellence Achievement Award , Jan-2009
2009 JSA Postdoctoral Research Fellowship winner Patricia Solvignon, Ph.D. at Temple University and other degrees at Université Blaise Pascal in Clermont Ferrand, France, Postdoctoral Fellow at Argonne. January 2009
Izaak Walton Killam Predoctoral Honourary Award (Dalhousie University – Jacqueline Glister – January, 2009
Walter C. Sumner Memorial Fellowship (Dalhousie University) – Jacqueline Glister – January, 2009
Australian Laureate Fellow – A. Thomas, 2009
Will Detmold, 2009 DOE Outstanding Junior Investigator Award , “Multi-meson Systems in Lattice QCD”

AWARDS
Jose Goity, Cesar Milstein Award , from the Ministerio de Ciencia y Tecnologia (Science and Technology Ministry) of Argentina, 2009
Anthony W. Thomas, Chair, Working Group 9 of the IUPAP
National Safety Council 2009 Perfect Record Award Jan-2009, Virginia
U.S. Patent No. 7,499,476 B1 issued March 3, 2009: Compact Two-Beam Push-Pull Free Electron Laser invented by Andrew Hutton
Best in Class Award for Environmental Sustainability Award - Fast Electronics and Data Acquisition Groups – March, 2009
University Award of Excellence (Norfolk State University) – Mahbub Khandaker – March, 2009
INFN International Fellowship Postdoctoral Position – Daria Sokhan – March, 2009
JLab Scientist Receives Prestigious Appointment - Rongli Geng was invited by the president of Peking University to be a Guest Professor at Peking University. The appointment runs from 2009-2011. Geng will instruct PKU graduate students at JLab, visit Peking University about twice yearly, and university professors, researchers and students will visit JLab as part of an on-going collaboration under a MOU previously established between JLab and PKU. March, 2009
The 2008 JSA Thesis Prize for the best Ph.D. dissertation resulting from research performed at Jefferson Lab: Guy Ron, Tel Aviv University, for thesis, The Proton Elastic Form Factor Ratio at Low Q ² , April 2009
ODU College of Science "Faculty Excellence " Award – Sebastian Kuhn – April, 2009
Virginia Space Grant Consortium Graduate Research Fellowship – John Leckey – April, 2009
Detector Group Wins Prestigious National Award - Radiation Detector & Imaging Group, earned an Excellence in Technology Transfer award from the Federal Laboratory Consortium for Technology Transfer for developing a life-saving compact gamma camera for the improved detection of breast cancer. The FLC is the nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking laboratory mission technologies and expertise with the marketplace. May 2009
The Federal Laboratory Consortium for Technology Transfer (FLC) May-2009, Virginia. Vladimir Popov, Award Recipient
JSA/Jefferson Lab Graduate Fellowship Award Winners for the 2009-2010 academic year for research related to the science program at Jefferson Lab (May 2009): Kalyan Allada, University of Kentucky; Craig Bookwalter, Florida State University; Daniel Bowring, University of Virginia; Michael Buchoff, University of Maryland; Jin Huang, Massachusetts Institute of Technology; John Leckey, College of William and Mary; Paul Mattione, Rice University; Katherine Myers, The George Washington University
Free-Electron Laser named one of three "leading lights" in the U.S., May 7, 2009 "Nature"
Doctor of Science degree from the Russian Federation – Viktor Mokeev – May, 2009
Nuclear Cargo Detector U.S. Patent Award – Steve Christo – May, 2009
Excellence in Technology Transfer, for "Breast Specific Gamma Imaging" – Andrew Weisenberger – May, 2009
Federal Laboratory Consortium, Excellence in Technology Transfer - Brian Kross – May, 2009
Graduate student SURA Fellowship – Jixie Zhang – May, 2009
SCHEV Outstanding Faculty Award – Larry Weinstein – May, 2009
Dissertation Year Fellowship Award (FIU) – Marianna Gabriel – May, 2009
Chair of the APS Division of Nuclear Physics – Larry Cardman, Associate Director of Physics – May, 2009
2008 Pollution Prevention Partner , May-2009, Virginia
U.S. Patent No. 7,540,502 B1 issued June 2, 2009: Serpentine Metal Gasket invented by Timothy Moore Rothgeb and Charles E. Reece
The 2008 JSA Poster Contest winners (June 2009): 1st: Timothy Hobbs, Hampton University: Target Mass Corrections in Semi-Inclusive Deep-Elastic Scattering - 2nd: Xiaohui Zhan, Massachusetts Institute of Technology: A New Measurement of the Proton Elastic Form Factor Ratio at Low Q ² - 3rd: Raphaël Dupré, Argonne National Lab: Quark Propagation and Hadron Formation in Cold Nuclear Matter
Rothschild Postdoctoral Fellowship 2009-2010 – June, 2009
Nathan Isgur Fellowship – Pawel Nadel-Turonski – June, 2009

AWARDS

Lectureship Chair Professor (Ministry of Education of China) – Haiyan Gao – June, 2009

Presidential Early Career Award for Scientists and Engineers: Gianluigi Ciovati, a superconducting radiofrequency scientist with JLab's SRF Institute. Ciovati is one of just 100 young researchers selected for this year's award, which is the highest honor bestowed by the United States government on young professionals in the early stages of their independent research careers. Recipients will receive their awards in the Fall at a White House ceremony. July 2009

Jefferson Lab Scientist Receives ILC Appointment - New Leader of the International Linear Collider Cavity Group: Rongli Geng, JLab Institute of Superconducting Radiofrequency Science and Technology staff scientist, is responsible for coordinating ILC research and development efforts on superconducting RF cavity gradient around the world. The ILC is a proposed, precision electron-positron collider, being designed to unlock some of the deepest mysteries in the universe. July, 2009

Clarence E. Denoon Professor of Science (University of Richmond) – Jerry Gilfoyle – August, 2009

FY2010

Appointment: Kelly Mahoney – NIF Review Team member, "Target Bay Concept of Operations Review". October 2009

Appointment: Kelly Mahoney – Consulting Engineer , Personnel and Machine Safety Systems: TRIUMF, Vancouver BC, CA. October 2009

Appointment: Kelly Mahoney – Consulting Engineer , Personnel and Machine Safety Systems: SLAC, Melo Park, CA. October 2009 – present

Appointment: Henry Robertson – Consulting Engineer , Personnel Safety Systems: SLAC, Melo Park, CA. October 2009 – present

Virginia Association of Science Teachers (VAST) "Community Partnership" Award: Science Education staff (Jan Tyler, Steve Gagnon, Christine Wheeler, Lisa Surles-Law, LaChelle Williams) recognized for organizing the VAST Professional Development Institute Conferences, November 6, 2009

Second Prize for Poster Presentation awarded to Raja Singaravelu for, "Niobium Nitride Surface on Bulk Niobium by Laser Processing," S. Singaravelu, M. Klopff, G. Krafft, M. Kelly, at Tidewater Virginia Chapter & Washington, DC Area Chapter of Sigma Xi-11th Annual Student Research Poster Session. November 20, 2009

APS Fellow: Bogdan B. Wojtsekhowski, Experimental Physics Division. CITATION: Outstanding contributions to instrumentation at Jefferson Lab and his leadership role in studies of nucleon structure, particularly real Compton scattering on the proton and the neutron charge form factor. Nominated by: Hadronic Physics (GHP). Announced December 2009.

DOE Science Best in Class Environmental Sustainability Award: Alexandre Camsonne, Experimental Physics Division. Pollution Prevention and Environmental Stewardship, including Best in Class and Accomplishment in Pollution Prevention and Environmental Stewardship. Announced December 2009.

APS Fellow: Donald G. Crabb, University of Virginia and JLab Physics User. CITATION: Contributions to the use of high field polarized targets and development of high polarization and radiation resistant polarized target materials and his role in using them in seminal particle physics experiments and advancing the knowledge of the behavior in high intensity beams. Nominated by: Nuclear Physics (DNP). Announced December 2009.

APS Fellow: Bradley Fillippone, California Institute of Technology and JLab Physics User. CITATION: Recognition of his many contributions to nuclear astrophysics, nucleon spin structure, nuclear interactions at short distances, and fundamental symmetries and especially the development of experimental techniques to meet these challenges. Nominated by: Nuclear Physics (DNP). Announced December 2009.

APS Fellow: Ulf G. Meissner, Universitaet of Bonn and JLab Physics User. CITATION: Leading the development of chiral perturbation theory with baryons, including many pioneering and successful predictions for the interactions of nucleons with photons, pions, and other nucleons. Nominated by: Nuclear Physics (DNP). Announced December 2009.

APS Fellow: Rory A. Miskimen, University of Massachusetts and JLab Physics User. CITATION: Leadership in the field of experimental electromagnetic nuclear physics, especially in studies of nucleon structure and low energy QCD. Nominated by: Nuclear Physics (DNP). Announced December 2009.

AWARDS

APS Fellow: Shelley A. Page, University of Manitoba and JLab Physics User. CITATION: Leading role in a series of sequential hadronic parity violation experiments designed to elucidate the interplay of the weak and strong interactions in hadronic systems. Nominated by: Nuclear Physics (DNP). Announced December 2009

FY2009 DOE Office of Science “Noteworthy Practices “ in Environmental Stewardship for Innovation in Low Level Environmental Monitoring. Announced December 31, 2009.

NSF MRI-R2 Grant for Collaborative Research: Edward Brash, Experimental Physics Division, MRI-Consortium for the Development and Construction of a Longitudinally Polarized Proton and Deuteron Target for CLAS12 AT Jefferson Lab. Announced January 2010.

U.C.R.F Large Faculty Grant Competition: Richard Jones, JLab Physics User, *UV Laser Refurbishment for Milling Research-Grade Diamonds* . Announced January 2010.

Cottrell College Science Award: Michael Wood, JLab Physics User. Support of significant research that contributes to the advancement of science and to the professional and scholarly development. Announced January 2010.

DOE Early Career Research Program Grant: Xiachao Zheng (JLab User/UVA Assistant Professor), announced in January 2010

APS 2010 Outstanding Referee: Rui Li (Accelerator Division scientist), January 2010

JSA Initiatives Funds Award \$55,000: Andrew Weisenberger, Experimental Physics Division. Announced 2010.

\$600K, 3-Year Scientific Focus Grant received by the Radiation Detector and Imaging Group to develop a specialized plant imaging system.

U.S Patent No. 7,663,077 B1 issued February 16, 2010: *Apparatus for the Laser Ablative Synthesis of Carbon Nanotubes* invented by Michael Smith and Kevin Jordan.

U.S. Patent No. 7,671,306 B1 issued March 2, 2010: *Laser Ablative Synthesis of Carbon Nanotubes* invented by Michael W. Smith, Kevin Jordan, Cheol Park

U.S. Patent No. 7,692,116 B1 issued April 06, 2010: *Laser Ablation for the Synthesis of Carbon* invented by Michael W. Smith (NASA), Brian Holloway (College of William & Mary), Kevin Jordan, Michelle Shinn, Peter Eklund (Penn State University)

U.S. Patent No. 7,732,774 B2, issued June 08, 2010: *High Resolution PET Breast Imager with Improved Detection Efficiency* invented by Stanislaw Majewski

Invention Disclosure No. 1260 “Turning Mirror Cassette Controller” invented by Wesley Moore

Invention Disclosure No. 1261 “A Mechanism for Attaching Multipurpose Collimators to Radiation Imaging Devices” invented by Brian Kross, John McKisson, Aleksandr Stolin, Drew Weisenberger, Carl Zorn – disclosed 10/01/2009

Invention Disclosure No. 1262 “Fast Neutron Imaging Device and Method” invented by Vladimir Popov and Pavel Degtiarenko – disclosed 12/15/2009

Invention Disclosure No. 1263 Actuators and Sensors Fabricated with Boron Nitride Nanotubes (BNNTs) and BNNT Polymer Composites invented by Jin Ho Kang, Cheol Park, Joycelyn S. Harrison, Michael w. Smith, Kevin Jordan – Patent Prosecution by The National Institute of Aerospace

Invention Disclosure No. 1264 Oil-Flooded Screw Compressor Efficiency Improvement invented by Peter N. Knudsen – disclosed 03/09/2010

Invention Disclosure No. 1265 Temperature Controlled Articulating High Pressure Feedstock Delivery Device; invented by Kevin Jordan – disclosed 06/14/2010

Appointment: Mircea Stirbet – Coupler Expert Committee and Readiness Report Review in support of SFEL project in Orsay, France. January 14, 2010

Appointment: Marcy Stutzman – Chair-Elect of the Vacuum tech division of AVS October 2009 – 2010

Appointment: Marcy Stutzman – Chair of the Vacuum tech division of AVS October 2010 – 2011

Appointment: Kelly Mahoney – Draft Accelerator Safety Order 420.2x Committee member

Phase II SBIR Grant awarded to Alex Bogacz, Principal Investigator, “Pulsed Quad Muon RLA”. October 2009 - 2011

FY2010 JSA Postdoctoral Research Fellowship: Simona Malace, Ph.D. at the University of South Carolina, February 2010

AWARDS

NSF MRI Program: Michael Kohl, Experimental Physics Division. Collaborative effort of researchers from Christopher Newport University (CNU), Old Dominion University (ODU), and the University of Virginia (UVA) to develop and construct a longitudinally polarized proton and deuteron target, Announced February 2010.

Paul Harris Fellow: Doug Higinbotham, Experimental Physics Division. Contributions to the Foundation's charitable and educational program. Announced February 2010.

First Annual Award in Theoretical Physics of the Joint Institute for Nuclear Research in Dubna, Russia, Anatoly Radyushkin, for the development of the theory of Generalized Parton Distributions, February 19, 2010.

SURA Graduate Fellowship Award: Sucheta Jawalkar, JLab Physics User. Announced March 2010.

Second Prize for Poster Presentation awarded to Raja Singaravelu for "Laser Processing on Bulk Niobium to Produce Niobium Nitride," S. Singaravelu, M. Klopff, G. Krafft, M. Kelley, at 9th Annual Graduate Research Symposium. March 26 – 27, 2010

Appointment: Mircea Stirbet – CERN Committee Review on fundamental power couplers for CERN's SPL Project, March 2010

Hampton Roads Sanitation District (HRSD) Pretreatment Excellence "2009 Gold Award" Award in recognition of JLab's outstanding environmental compliance record with no administrative or technical violations for a full calendar year; **Received April 15, 2010**

2010 – 2011 JSA/Jefferson Lab Graduate Fellowship Awards for research related to the science program at JLab – Dasuni K. Adikaram, Old Dominion University; William P. Ford, Old Dominion University; Carlos G. Granados, Florida International University; Jin Huang, Massachusetts Institute of Technology; Sucheta S. Jawalkar, College of William and Mary; John P. Leckey, College of William and Mary; Diancheng Wang, University of Virginia, April 2010.

Hampton Roads Sanitation District (HRSD) Pretreatment Excellence "2009 Gold Award" Award in recognition of JLab's outstanding environmental compliance record with no administrative or technical violations for a full calendar year. Received April 15, 2010

Old Dominion University College of Sciences Distinguished Research Award, Ian Balitsky. April 2010.

Christopher Newport University Alumni Society Award: Edward Brash, Experimental Physics Division, Excellence in Teaching and Mentoring. Announced May 2010.

FY2010 Cox Business Services High Tech Leadership Award: Dr. Cynthia Keppel (Hampton University/Jefferson Lab), May 6, 2010

FY2010 Cox Business Services High Tech Leadership Award: Dr. Cynthia Keppel (Hampton University/Jefferson Lab), May 6, 2010

Appointment: Andrew Hutton – Fermilab Accelerator Advisory Committee 4 year term beginning May 1, 2010

DOE STTR Grant, Phase 1 \$100,000: Richard Jones, JLab Physics User, *Defect Free, Ultra-Rapid Thinning/Polishing of Diamond Crystal Radiator Targets (20 μ m) for Highly Linearly Polarized Photon Beams*. Announced June 2010.

JSA Thesis Prize: Andrew Puckett, JLab Physics User. Announced June 2010.

JLab Thesis Award 2009: Daria Sokhan, JLab Physics User. Announced June 2010.

Honorary Doctor of Science Degree: Dennis Skopik, Experimental Physics Division. University of Saskatchewan awarded for outstanding achievement in the pure and applied sciences. Announced June 2010.

Institute of Physics Fellow (London): D.W.L. Sprung, JLab Physics User. Announced June 2010.

APS (New York State) Educational Outreach Grant: Michael Wood, JLab Physics User. In support of projects that increase public understanding and appreciation of physics, particularly for K-12 students. Announced June 2010.

Third Prize for Poster Presentation awarded to Raja Singaravelu for "Laser Processing on Bulk Niobium to Produce Niobium Nitride," S. Singaravelu, M. Klopff, G. Krafft, M. Kelley, at JLab Annual Users Meeting. June 7, 2010.

Lawrence D. Miles Founders Award: Bruce Lenzer, Quality Assurance and Continuous Improvement Team. June 2010

DOE Office of Science Outstanding Mentor Award: Kawtar Hafidi, JLab Physics User. Announced June 2010.

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Second Prize for Poster Presentation: Micah Veilleux, JLab Physics User. Announced July 2010.
Appointment: Kelly Mahoney – Chair, DOE Accelerator Safety Workshop Breakout session Software QA. August 2010
FY2011
Hunter Henry Dean’s Eminent Scholar Award: Dipangkar Dutta, JLab Physics User, Announced October 2010
APS Fellow Ian Balitsky, JLab Theory Center. CITATION: For pioneering applications of quantum chromodynamics (QCD) to hadron physics, in particular, for development of light-cone QCD sum rules and contributions resulted in Balitsky-Fadin-Kuraev-Lipatov (BFKL) and Balitsky-Kovchegov (BK) equations Nominated by: Hadronic Physics (GHP). Announced November 2010.
APS Fellow Paulo Bedaque, University of Maryland and JLab Theory Center User. CITATION: For pioneering contributions to several distinct areas of theoretical nuclear physics, including effective field theories in few-body physics, the phase structure of dense quark matter, and nuclear forces from lattice QCD. Nominated by: Nuclear Physics (DNP). Announced November 2010.
APS Fellow Misak Sargsian, Florida International University and JLab Theory Center User. CITATION: For seminal contributions to high energy physics including developing the Generalized Eikonal Approximation for high momentum transfer processes and originating a successful theory of large angle two nucleon break up induced by the absorption of high energy photons. Nominated by: Nuclear Physics (DNP). Announced November 2010.
APS Fellow Eric Swanson, University of Pittsburgh and JLab Theory Center User. CITATION: For contributions to the theory of hadron spectroscopy, especially in the areas of charm-quark mesons, gluonic excitations, and mesonic molecules. Nominated by: Hadron Physics (GHP). Announced November 2010.
JSA Grant: Harut Avagyan, Experimental Physics Division, Announced November 2010
U.S. Patent No. 7,859,199 B1: Magnetic Chicane for Terahertz Management; Stephen Benson, George H. Biallas, David Douglas, Kevin C. Jordan, George R. Neil, Michelle D. Shinn, Gwyn P. Williams; 12/28/2010
U.S. Patent No. 7,858,951 B1: Skew Chicane Based Betatron Eigenmode Exchange Module; David Douglas; 12/28/2010
U.S. Patent No. 7,858,944 B2: Dedicated Mobile High Resolution Prostate PET Imager with an Insertable Transrectal Probe; Stanislaw Majewski, and James Profit; 12/28/2010
Instituto Nazionale di Fisica Nucleare ‘Senior Researcher’: Marco Battaglieri, JLab Physics User, Announced January 2011
Virginia Outstanding Scientist, Cynthia Keppel, JLab Physics User, Science Museum of Virginia, Announced January 2011
2011 Robert R. Wilson Prize for Achievement in the Physics of Particle Accelerators Recipient – Yaroslav Derbenev
2011 USPAS Prize for Achievement in Accelerator Physics and Technology – Jean Delayen (Accelerator Division)
Invention Disclosure 1297: INTEGRATED RIG FOR THE PRODUCTION OF BNNTs VIA THE PVC METHOD; Michael W. Smith and Kevin Jordan; 01/05/2011
Invention Disclosure 1298: Anti-diffusion metal coated o-rings; George Biallas; 01/13/211
Invention Disclosure 1299: New Cavity Cell Shape Design to Suppress Multipacting in Superconducting Cavities; Frank Marhauser; 01/27/2011
DOE Office of Science Noteworthy Practice in Sustainability Award; 01/2011
Promising Young Physicist, Kijun Park, Experimental Physics Division, JSA sponsor to promote an opportunity to give a practical job interview for academic faculty at the College of William and Mary. Announced January 2011
DOE Sustainability EStar Award for the FEL SF6 project; Kevin Jordan, FEL Division. Announced February 25, 2011
The Dalton E. Hamilton Memorial CWI of the Year District Award. District 4, Tidewater Section. Jenard Alston, Engineering Division, Announced February 2011.
JSA Graduate Fellowship was awarded to Bill Ford for the upcoming 2011-2012 academic year. He was also a recipient of this prestigious award for the previous academic year.

AWARDS
U.S. Patent No. 7,885,385 B1 Tunable X-Ray Source; James R Boyce; 02/08/2011
U.S. Patent No. 7,884,331 B2 Compact and Mobile High Resolution PET Brain Imager; Stanislaw Majewski and James Proffitt; 02/08/2011
U.S. Patent No. 7,884,333 B2 Particle Beam Crabbing and Deflecting Structure; Jean Delayen; 02/08/2011
Invention Disclosure 1300: AN ENERGY RECOVERY CONCEPT FOR SPENT BEAMS FRANK MARHAUSER, FAY HANNON, ROBERT RIMMER, AND ROY WHITNEY; 02/01/2011
Invention Disclosure 1301: SAFE MAGNETIC PIN HOLDER; BOGDAN WOJTSEKHOWSKI AND KANDICE CARTER; 02/03/2011
Invention Disclosure 1302: REMOTE-CATHODE ELECTROPOLISHING OF NIOBIUM SURFACES; CHARLES E. REECE, HUI TIAN, AND H. LARRY PHILLIPS; 02/07/2011
Invention Disclosure 1303: SAFELIGHT OPTICAL ACCESS CONTROL SYSTEM AND METHOD TO HIGH BRIGHTNESS; ALBERTO MARINI; 02/14/2011
Invention Disclosure 1304: LIGHT TIGHT O-RING; James R. Boyce; 02/17/2011
U.S. Patent No. 7,911,278 B1 Biased Low Differential Input Impedance Current Receive/Converter Device; Pavel Degtiarenko, Vladimir Popov; 03/22/2011
Member-At-Large of the Executive Committee Michael Wood, JLab Physics User, The New York State Section of the APS. Announced April 2011.
Invention Disclosure 1305: AN ELECTRON BUNCH COMPRESSION SCHEME FOR A SUPERCONDUCTING RADIO FREQUENCY LINEAR ACCELERATOR DRIVEN LIGHT SOURCE: CHRISTOPHER TENNANT, STEPHEN BENSON, DAVID DOUGLAS, PAVEL EVTUSHENKO, AND ROBERT LEGG; 04/28/2011
2011 Governors Environmental Excellence Gold Award; 04/2011
DOE Early Career Research Program: Jozef Dudek, JLab Physics User, awarded \$750,000 over 5 years, Announced April 2011
DOE Early Career Research Program: Pavel Evtushenko, JLab Physics User, awarded \$3.25M over 5 years, Announced April 2011
Young Faculty Scholar's Award – Tanja Horn, JLab Physics User, Announced April 2011
Invention Disclosure 1306: High average Power laser mirror using a guided mode resonance design; Michelle Shinn, Eric Johnson, Menelaos Portous, UNC, Charlotte, an NC; 05/25/2011
Invention Disclosure 1307: ERL-Driven Multi-beam, Multi-FEL System-Itar; David Douglas, Robert Legg, and Roy Whitney; 05/25/2011
HRSD Gold Pretreatment Excellence Award; 05/2011
HRSD P3 Award for Pollution, Prevention, and Partnership; 05/2011
3M National Teaching Fellowship – the highest teaching honor in Canada, Adam Sarty, JLab Physics User, Announced June 2011
The George T. Mulholland Award for Excellence in Cryogenic Engineering from the Cryogenics Society of America. Kelly Dixon, Engineering Division, Announced June 2011
Invention Disclosure 1308: Compact In Line Very High Power Electron Beam Collector; Robert Legg and David Douglas; 06/02/2011
Invention Disclosure 1309: Cost Effective High Speed Current Pickup Using Diode Transmitter; Robert Legg; 06/08/2011
Invention Disclosure 1310: Photocathode of Adamantanethiol SAMs on Semiconductors; Robert Legg, Tom J Miller (UIUC, Urbana—Champaign, IL; 06/10/2011
Invention Disclosure 1310: Photocathode of Adamantanethiol SAMs on Semiconductors; Robert Legg, Tom J Miller (UIUC, Urbana—Champaign, IL; 06/10/2011
Invention Disclosure 1311: Method and Apparatus to Digitize Pulse Shapes from Radiation ; Andrew Wiesenberger, Hai Dong, Chirrs Cuevas, John Mckisson, and Wenze Xi; 06/14/2011
Invention Disclosure 1312: Magnesium Doping of Boronitride Nanotubes; Robert Legg, and Kevin Jordan; 06/24/2011
Invention Disclosure 1313: Implementation Scheme for Using Superconducting Cavities to Recover Exhaust Beam Power (ITAR); Thomas J Powers, and Curt J Hovater; 07/01/2011
Invention Disclosure 1314: Pressurized Cable for Sub-Atmospheric Cryogenic tests; Thomas J Powers; 07/01/2011

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Invention Disclosure 1315: Non-linear Control through Harmonic Lock-in Measurements: A Harmonic Lock-in Amplifier; Geoffrey Krafft, Michael Spata, and Alicia Hofler; 07/01/2011
Invention Disclosure 1316: Multi-Pass Beam Position Monitor (BPM) Electronics; Daniel Sexton, and Pavel Evtushenko; 07/28/2011
Invention Disclosure 1317: A CW SRF Electron Linac-Driven Subcritical Nuclear Reactor; Robert Legg, and David Douglas; 08/11/2011
Invention Disclosure 1318: A High Magnetic Field Immune, High Signal Fidelity Electro-Optically Coupled Detector; Wenzhe Xi; 08/30/2011
U.S. Patent No. 7,911,278 B1 8,017,916: Imaging system for cardiac planar imaging using a dedicated dual-head gamma camera; Stan Majewski; 09/13/2011
FY2012
Thomas Jefferson National Accelerator Facility Safety Award. Neil Wilson, Ricky Taylor, Marcus Anthony, Tom DeSalvo, David Boles, Mike Koch, Mark Weihl. October 12, 2011
Invention Disclosure #1319: Mold Bomb, Josh Spradin, 10/3/11
Invention Disclosure #1320: NEG or ENEG Non-Evaporating Getter, Josh Spradin, 10/3/11
Invention Disclosure #1321 Auto Tuning Wide Spectrum Radiation Source, Josh Spradin, 10/3/11
Invention Disclosure #1322: Boiler Gettering, Josh Spradin, 10/3/11
APS Fellow: Rolf Ent, Experimental Physics Division, Announced November 2011
APS Fellow: Harut Avagyan, Experimental Physics Division, Announced November 2011
APS Fellow: Naomi Makins, JLab Physics User, Announced November 2011
EINN 2011 poster contest winner: Silvia Pisano, JLab Physics User, Announced November 2011
APS Fellow: Robert Edwards, JLab Theory Center. CITATION: For developing key theoretical, algorithmic and computational methods to enable Lattice QCD to address vital questions in nuclear physics, and in particular the spectrum of excited states and the origin of the nuclear force. Nominated by: Division of Computational Physics Announced November 2011.
APS Fellow: Szczepaniak, Adam, Indiana University, Bloomington and JLab Theory Center User. Citation: For the development of perturbative and nonperturbative methods in Quantum Chromodynamics in the lightcone and equal time formalisms and for their application to properties of exotic mesons. Nominated by: Topical Group on Few-Body Systems . Announced November 2011.
Invention Disclosure #1323: Tunnel Capacitor, Josh Spradin, 11/11/11
Invention Disclosure #1324 Methods For Making Nanoporous Films & Particles For Various Applications , Josh Spradin, 11/11/11
Invention Disclosure #1325: Low Energy Nuclear Power, John P. Wallace, Ganapati R. Myneni, Michael J. Wallace, 11/28/11
APS Fellow: Ji, Chueng-Ryong, North Carolina State University and JLab Theory Center User. Citation: For his remarkable and pioneering contributions in QCD applying light-front dynamics to fundamental aspects of hadron physics, including spectroscopy, wave functions, and form factors. Nominated by: Topical Group on Hadronic Physics. Announced November 2011.
Chairman of the Istituto Nazionale di Fisica Nucleare: Mauro Taiuti, JLab Physics User, Announced December 2011
DOE E. O. Lawrence Award. Matt Poelker, December, 2011.
Invention Disclosure #1326: Nanostructures as Artificial Crystals for X-Ray Scattering and Monochromatization, Gwyn Williams, 12/14/11
2011 Ernest Orlando Lawrence Award: Matt Poelker (Accelerator Division)
Invention Disclosure #1327: Device and Method for Simultaneous Imaging with Fast and Slow (Thermal/Cold Neutrons, Vladimir Popov, 1/5/12
Invention Disclosure #1328: Phoswich Neutron Detector, Vladimir Popov, 1/5/12
Invention Disclosure #1329: The Use of Small Diameter Boron Nitride Nanotube for Hydrogen Storage, Kevin Jordan, 1/27/12
Invention Disclosure #1330: Contact Memory Buttons (CMBs) for a fail-safe system and method for Laser Safety Systems, Kevin Jordan, 1/27/12
Invention Disclosure #1331: Aware Lockout Tagout System, Wesley Moore
Invention Disclosure #1332: A Method for Passively Compensating for Temperature Coefficient of Gain in Silicon Photomultiplier Devices, J. E. (Jack) McKisson and Fernando Barbosa, 3/1/12

AWARDS

JSA Graduate Fellowship was awarded to Bill Ford (Old Dominion University) for the 2011-2012 academic year. He was also a recipient of this prestigious award for the previous academic year.

JSA Graduate Fellowship was awarded to Zachary Brown (College of William and Mary) for the 2011-2012 academic year.

JSA Distinguished Theory Student Fellowship was awarded to Alessandro Baroni (ODU) for the 2011-2013 academic year. This is the inaugural award.

2012 JSA Postdoctoral Research Grant at the U.S. Department of Energy's Thomas Jefferson National Accelerator Facility , Sarah Philips, JLab Physics User, Announced February 2012.

UGBoD/JSA prize for the best PhD thesis in 2011, Biplab Dey, Jlab Physics User, Announced March 28, 2012

JAEA Fellowship received from Japan Atomic Energy Agency, Kenneth Hicks, JLab Physics User, Announced January, 2012