



Invited Talks Delivered by TUNL Researchers

1. *Isomers in Nuclear Astrophysics*, A.E. Champagne, Notre Dame, IN (2005).
2. *Seeing the Stars and Capturing Gamma Rays at LENA*, A.E. Champagne, Notre Dame, IN (2005).
3. *High Precision Neutron Interferometric Measurements of the n - p , n - d , and n - ^3He Coherent Neutron Scattering Lengths*, P. Huffman, International Conf. on Neutron Scattering, Sydney, Australia (2005).
4. *Measuring the Neutron Lifetime using Magnetically Trapped Ultracold Neutrons*, P. Huffman, LANSCE User Group Meeting, Los Alamos, NM (2005).
5. *Direct Measurements in Nuclear Astrophysics*, C. Iliadis, CSNSM, Universite Paris-Sud, Orsay, France (2005).
6. *Random Matrix Thermodynamics*, G.E. Mitchell, Capture Gamma-ray Spectroscopy and Related Topics, South Bend, IN (2005).
7. *Chaotic Behavior in Nuclei*, G.E. Mitchell, XVI International School on Nuclear Physics, Neutron Physics, and Nuclear Energy, Varna, Bulgaria (2005).
8. *Phase Correlations in Nuclei*, G.E. Mitchell, Workshop on Energy Relaxation versus Phase Relaxation in Many Body Systems, Centro Internacional de Ciencias, Cuernavaca, Mexico (2005).
9. *Neutron-Induced Partial Gamma-Ray Cross-Section Measurements on Uranium Using a Monoenergetic and Pulsed Beam at TUNL*, A.P. Tonchev, Stewardship Science Academic Alliances Symposium, Las Vegas, NV (2005).
10. *Nuclear Isomers as a Probe for Nuclear Structure and Application Studies*, A.P. Tonchev, The 12th Conference on Capture Gamma-Ray Spectroscopy and Related Topics, Notre Dame, IN (2005).
11. *Low-Energy Dipole Modes of Excitation Below the Neutron Threshold*, A.P. Tonchev, The 12th Conference on Capture Gamma-Ray Spectroscopy and Related Topics, Notre Dame, IN (2005).
12. *Low-Energy Collective Modes of Excitation Near Particle Emission Threshold: Recent Results from $HI\gamma S$* , A.P. Tonchev, Stony Brook (2005).
13. *Some Recent Results and Proposed Experiments at the Upgraded $HI\gamma S$ Facility*, H.R. Weller, MIT (2005).

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14. *The Upgraded HIγS Facility*, H.R. Weller, Milos, Greece (2005).
 15. *The PULSTAR Solid Deuterium Superthermal Source of Ultracold Neutrons at NCSU*, A.R. Young, PSI Seminar (2005).
 16. *Status of Pion Production Near Threshold—Update Experiment*, M.W. Ahmed, presented at *the 5th International Workshop on Chiral Dynamics, Theory and Experiment*, Durham/Chapel Hill, NC (September 18 - 22, 2006).
 17. *Majorana: Searching for Neutrinoless Double Beta Decay in ^{76}Ge* , H.O. Back, presented at the *Joint Meeting of the Pacific Region Particle Physics Communities*, Honolulu, HI (October 29 - November 3, 2006).
 18. *Globular Clusters, Nuclear Physics and the Age of the Galaxy*, A.E. Champagne, Wake Forest University (2006).
 19. *The A_y puzzle in the Three- and Four-Nucleon System*, T.B. Clegg, presented at *the 5th International Workshop on Chiral Dynamics, Theory and Experiment*, Durham/Chapel Hill, NC (September 18 - 22, 2006).
 20. *Neutron Induced Inelastic Reactions of ^{150}Sm for $E_n = 1$ to 35 MeV*, D. Dashdorj, XIII International Seminar on Interactions of Neutrons with Nuclei, Dubna 2006.
 21. *Chasing Color Transparency using Pions*, D. Dutta, The Gordon Research Conference on Photonuclear Reactions, Tilton, NH, (2006).
 22. *Search for a Permanent Electric Dipole Moment of the Neutron*, D. Dutta, University of Virginia, Charlottesville (2006).
 23. *Hyperpolarized Noble Gases: A Physicist's "Swiss Army Knife"*, D. Dutta, Mississippi State University (2006).
 24. *Polarized ϕ Meson Production and a Laser-Driven Polarized H Internal Gas Target*, H. Gao, The Joint Sino-German Symposium on Hadron Physics at COSY and CSR, Lanzhou, China (2006).
 25. *Selected Topics on ϕ Meson Physics at JLab and CSR-Lanzhou*, H. Gao, Inst. of High Energy Physics, Beijing, China (2006).
 26. *Scaling in Charged Pion Photoproduction from Nucleon and Color Transparency*, H. Gao, The China-US Symposium on Medium Energy Physics, Beijing, China (2006).
 27. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, National Graduate School Symposium, Chinese Academy of Science, Beijing, China (2006).

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28. *Polarized Compton Scattering Program using a High Intensity Polarized Photon Beam at the Duke University Free Electron Laser Laboratory*, H. Gao, Inst. of Applied Physics, Chinese Academy of Science, Shanghai, China (2006).
 29. *The Structure of the Nucleon through Electromagnetic Microscope*, H. Gao, Exploring New Science by Bridging Particle-Matter Hierarchy, Sendai International Center, Sendai, Japan (2006).
 30. *The Compton Scattering Program with the High Intensity Gamma Source (HI γ S) at the Duke Free Electron Laser Laboratory*, H. Gao, The International Conference on Physics Education and Frontier Physics, The 5th Joint Meeting of the Chinese Physicists Worldwide (OCPA5), Taipei, Taiwan (2006).
 31. *New Results from BLAST on the Nucleon Electromagnetic Form Factors*, H. Gao, National Taiwan University, Taipei, Taiwan (2006).
 32. *New Results from BLAST on the Nucleon Electromagnetic Form Factors*, H. Gao, *The Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2006)*, Puerto Rico (2006).
 33. *A New Search on Neutron Electric Dipole Moment*, H. Gao, Tsinghua University, Beijing, China (2006).
 34. *A New Search on Neutron Electric Dipole Moment*, H. Gao, Syracuse University, NY (2006).
 35. *Polarized Compton Scattering from ^3He and Neutron Spin Polarizabilities*, H. Gao, The RCNP-JAEA Workshop on Nuclear Photon Science, *Hadron-nuclear physics probed by photon*, JAEA, Kizu, Japan (2006).
 36. *Neutron Transversity Measurement with Solenoid*, H. Gao, presented at the Workshop on *Inclusive and Semi-Inclusive Spin Physics with High Luminosity and Large Acceptance at 11 GeV*, Jefferson Lab, Newport News, VA (December 13 - 14, 2006).
 37. *Time Variation of Fundamental Constants and the Oklo Natural Nuclear Reactor Theory*, C.R. Gould, seminar at the Physics Department, NC State University (September 2006).
 38. *What is Light ?*, C.R. Gould, Nobel Lecture Series at the Carol Woods Retirement Community, Chapel Hill (October 2006).
 39. *Measuring Dynamic Biological Responses of Plants to Global Change using Short-lived Radioisotopes*, C.R. Howell, University of Notre Dame, Notre Dame, IN (2006).

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40. *Development of a System to Measure Responses of Plants to Global Change using Short-lived Radioisotopes*, C.R. Howell, North Carolina A&T State University, Greensboro, NC (2006).
 41. *Upgrades of the High Intensity Gamma Source (HI γ S) at Duke University*, C.R. Howell, 2006 April Meeting of the American Physical Society, Dallas, TX (2006).
 42. *Extracting the Neutron-Neutron Scattering Length from nd Breakup*, C.R. Howell, presented at the *5th International Workshop on Chiral Dynamics, Theory and Experiment*, Durham/Chapel Hill, NC (September 18 - 22, 2006).
 43. *Tracking Substance Translocation in Plants using Radioisotopes*, C.R. Howell, physics colloquium presented at Davidson College, Davidson, NC (November 16, 2006).
 44. *Measuring the Neutron-Neutron Scattering Length*, C.R. Howell, presented at the *Carolina Isospin Violation Workshop*, Columbia, SC (December 1 - 2, 2006).
 45. *Fundamental Physics with Ultracold Neutrons*, P. Huffman, American Conference on Neutron Scattering, St. Charles, IL (2006).
 46. *Ultracold Neutrons*, P. Huffman, The First Summer School on Fundamental Neutron Physics, The University of Tennessee, Knoxville, TN (2006).
 47. *A Measurement of the Neutron Lifetime using Magnetically Trapped Neutrons*, P. Huffman, General Institut Laue-Langevin Seminar, Grenoble, France (2006).
 48. *Radiative Capture Reactions*, C. Iliadis, Joint Institute for Nuclear Astrophysics Workshop on Low Energy Nuclear Astrophysics, NSCL, East Lansing, MI (2006).
 49. *Nuclear Astrophysics Data Needs for Charged-Particle Reactions*, C. Iliadis, Workshop on Data Needs in Nuclear Astrophysics, Basel, Switzerland (2006).
 50. *Radioactive Ion Beam Measurements for Nuclear Astrophysics*, C. Iliadis, TRIUMF Users' Group Meeting, Vancouver, Canada (2006).
 51. *NN Interactions from Low-Energy Few-body Experiments*, A. Imig, presented at Kyushu University, Fukuoka, Japan (September 2006).
 52. *Few-Body Experiments at Low Energies*, A. Imig, presented at RIKEN, Wako, Saitama, Japan (October 2006).
 53. *NN Interactions from Low-Energy Few-Body Experiments*, A. Imig, presented at University of Tsukuba, Tsukuba, Japan (October 2006).

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54. *NN Interactions from Low-Energy Few-Body Experiments*, A. Imig, presented at *The International QBIC-Workshop on Few-Body Problems in Polarization Physics*, Tokyo University of Science, Chiba, Japan (November 2006).
 55. *Stockpile Stewardship Academic Alliances Program at NCSU*, G.E. Mitchell, Lawrence Livermore National Laboratory, Livermore, CA (2006).
 56. *Stockpile Stewardship Academic Alliances Program at NCSU*, G.E. Mitchell, presented at the Lawrence Livermore National Laboratory, Livermore, CA (2006).
 57. *Nuclear Reaction Models*, G.E. Mitchell, presented at the *Nuclear Physics R&D for the Advanced Fuel Cycle Workshop*, Bethesda, MD (2006).
 58. *Experimental Tests of Chaos in Nuclei*, G.E. Mitchell, presented at the University of Notre Dame, South Bend, IN (2006).
 59. *Tests of Chaos in Nuclei*, G.E. Mitchell, presented at the Technical University Darmstadt, Darmstadt, Germany (2006).
 60. *The $\gamma^*N \rightarrow \Delta$ Transition at Low Q^2 and the Pionic Contribution*, S. Stave, presented at *the 5th International Workshop on Chiral Dynamics*, Durham/Chapel Hill, NC (September 18 - 22, 2006).
 61. *The $\gamma^*N \rightarrow \Delta$ Transition at Low Q^2 and the Pionic Contribution*, S. Stave, presented at the Institute for Nuclear Physics Seminar, University of Mainz, Mainz, Germany (2006).
 62. *Probing the Nuclear Dipole Response with Monoenergetic and Polarized Gamma-Ray Beams*, A.P. Tonchev, 21st ACS National Meeting, Atlanta GA (2006).
 63. *Probing the Pygmy Dipole Response with Monoenergetic and Polarized Gamma-Ray Beams*, A.P. Tonchev, 19th International Conference on the Application of Accelerators in Research and Industry, Fort Worth, TX (2006).
 64. *Study of Collective Dipole Excitations below the Giant Dipole Resonance at HI γ S*, A.P. Tonchev, presented at the *6th Tours Symposium on Nuclear Physics*, Tours, France (September 4 - 10, 2006).
 65. *Measurement of the $^{241}\text{Am}(n,2n)$ Reaction Cross Section with the Activation Technique*, A.P. Tonchev, presented at *The Division of Nuclear Physics Annual Meeting*, Nashville, Tennessee (October 25 - 28, 2006).
 66. *Neutrino Physics with KamLAND*, W. Tornow, KVI Groningen, The Netherlands (2006).

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67. *The CFNUL - TUNL Connection and its Relevance to Few-Body Physics*, W. Tornow, Lisbon, Portugal (2006).
 68. *Recent Few-Body Activities at TUNL and HI γ S*, W. Tornow, 18th International Conf. on Few-Body Problems in Physics, Santos, Brazil (2006).
 69. *Wilhelm Conrad Röntgen, the First Nobel Prize Winner in Physics*, W. Tornow, Nobel Lecture Series at the Carol Woods Retirement Community, Chapel Hill (October 2006).
 70. *Few Body Studies at HI γ S*, H.R. Weller, Gordon Research Conference (2006).
 71. *The HI γ S Physics Program*, H.R. Weller, presented at *the 5th International Workshop on Chiral Dynamics, Theory and Experiment*, Durham/Chapel Hill, NC (September 18 - 22, 2006).
 72. *QCD Physics at the Upgraded HI γ S Facility*, H.R. Weller, presented at *the QCD Workshop*, Bad Honnef, Germany (November 2006).
 73. *Fundamental Physics with Neutrons: A Brief Overview*, A.R. Young, Opening lecture at the Summer School for Fundamental Neutron Physics, Knoxville, TN (2006).
 74. *Fundamental Physics with Ultracold Neutrons – Follow the Bouncing Ball!*, A.R. Young, University of New Hampshire Colloquium (2006).
 75. *Fundamental Physics with Ultracold Neutrons – Follow the Bouncing Ball!*, A.R. Young, Idaho State University Colloquium, (2006).
 76. *Fundamental Physics with Ultracold Neutrons – Follow the Bouncing Ball!*, A.R. Young, NCA&T Colloquium (2006).
 77. *Fundamental Physics with Ultracold Neutrons: the UCNA Project*, A.R. Young, University of Illinois Nuclear Physics Group Seminar (2006).
 78. *Three-body Photodisintegration of ^3He with Linearly Polarized Photons at HI γ S*, X. Zong, presented at *the 5th International Workshop on Chiral Dynamics*, Durham/Chapel Hill, NC (September 18 - 22, 2006).
 79. *Results for $^{151,153}\text{Eu}$ Neutron Capture at LANSCE*, U. Agvaanluvsan and the DANCE collaboration, *LANSCE Users Group Meeting*, Santa Fe, NM (2007).
 80. *High Intensity Gamma-Ray Source: From Nuclear Astrophysics to Quantum Chromodynamics (QCD) Physics*, M.W. Ahmed, *National Society of Black Physicists*, Boston, MA (February 22, 2007).

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81. *Photonuclear Cross Section : High Intensity Gamma-Ray Source: From Nuclear Astrophysics to Quantum Chromodynamics (QCD) Physics*, M.W. Ahmed, *Eighth International Topical Meeting on Nuclear Applications and Utilization of Accelerators (AccApp'07)* Pocatello, ID (July 30 - August 2, 2007).
 82. *Nuclear Physics Program at the Upgraded High Intensity γ -ray Source (HI γ S)*, M.W. Ahmed, 74th Annual Meeting of the Southeastern Section of APS, Nov. 9, 2007.
 83. *Pre-Equilibrium Spin Distribution Effects on the Neutron Induced Reaction Cross Sections*, D. Dashdorj and the GEANIE Collaboration, *LANSCE Users Group Meeting*, Santa Fe, NM (2007).
 84. *Effect of Pre-equilibrium Spin Distribution on Neutron-Induced Reaction Cross Sections*, D. Dashdorj, International Workshop on Compound Nuclear Reactions and Related Topics, Fish Camp, CA, 2007.
 85. *Neutron Transversity Study Using a Polarized ^3He Target in Hall A at Jefferson Lab*, H. Gao, presented at *the Seventh Particle Physics Phenomenology Workshop*, Taipei, Taiwan (2007).
 86. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, presented at *A Sub-nuclear Journey - Symposium in Honor of Keh-Fei Liu's Sixtieth Birthday*, University of Kentucky, Lexington (April 19 - 21, 2007).
 87. *New Perspectives in Polarized Compton Scattering from Polarized Nucleon*, H. Gao, presented at *the 5th International Workshop on Chiral Dynamics*, Chapel Hill/Durham, NC (2007).
 88. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, High Energy Physics Seminar presented at the National Center for Theoretical Sciences, National Tsinghua University, Shinchu, Taiwan (June 11, 2007).
 89. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, High Energy/Nuclear Physics seminar presented at Seoul National University (May 31, 2007).
 90. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, Colloquium presented at the Department of Physics, University of Virginia (April 6, 2007).
 91. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, Joint seminar of High Energy/Nuclear Physics presented at the University of Maryland, College Park (April 4, 2007).
 92. *Neutron Electric Dipole Moment Experiment and the ^3He Injection Test*, H. Gao, Nuclear Physics Seminar presented at MIT-Bates (March 7, 2007).

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93. *A New Search on the Neutron Electric Dipole Moment*, H. Gao, Nuclear Physics Seminar presented at UCLA (February 13, 2007).
 94. *Scaling in Charged Pion Photoproduction from the Nucleon*, H. Gao, 11th International Conference on Meson-Nucleon Physics and the Structure of the Nucleon, Institute für Kernphysik Forschungszentrum Jülich, Germany, September 10-14, 2007.
 95. *The Polarized Compton Scattering Program at the HI γ S Facility at DFELL*, H. Gao, Nuclear Physics Seminar, Ohio University, November 2007.
 96. *Powering the Planet, Powering North Carolina: Physics Perspectives on Energy for the 21st Century*, C. Gould, Appalachian State University, Physics Department colloquium, September 2007.
 97. *Energy Today and Tomorrow . US and NC Options*, C. Gould, Scope Academy, NC State University, Oct 2007.
 98. *Time Variability of Alpha from Realistic Models of Oklo Reactors*, C.R. Gould, presented at the Institute for Nuclear Theory, Univ. Washington (April 2007).
 99. *Measuring the Neutron Lifetime with Magnetically Trapped Neutrons*, P. Huffman, International Workshop on UCN Sources and Experiments, Vancouver, BC, September 2007.
 100. *Measuring the Neutron Lifetime with Magnetically Trapped Neutrons*, P. Huffman, Physics Department Colloquium, North Carolina State University, Raleigh, NC, September 2007.
 101. *Measuring the Neutron Lifetime Using Magnetically Trapped Ultracold Neutrons*, P. Huffman, 74th Annual Meeting of the Southeastern Section of the American Physical Society, Nashville, TN, November 2007.
 102. *Nuclear Physics of Stars*, C. Iliadis, two-week long course (9 hours) given at the First SINS Summer School on Nuclear Astrophysics and Nucleosynthesis, Monash University, Melbourne, Australia, (January 2007).
 103. *Cross Sections, Level Densities, and Strength Functions*, G.E. Mitchell, presented at the *Stockpile Stewardship Academic Alliances Symposium*, Washington, DC (2007).
 104. *Direct Measurement of the Neutron-Neutron Scattering Length*, G.E. Mitchell, presented at the Institute for Nuclear Theory, Seattle, WA (2007).
 105. *Neutron Capture Reactions with DANCE*, G.E. Mitchell, presented at the *Workshop on Level Density and Gamma Strength in Continuum*, Oslo, Norway (2007).

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106. *Neutron Capture Reaction on $^{94,95}\text{Mo}$ with DANCE*, G.E. Mitchell, presented at *the Workshop on Photon Strength Functions and Related Topics*, Prague, Czech Republic (2007).
 107. *Thermodynamic Analysis of Spectra*, G.E. Mitchell, Workshop on Nuclei and Mesoscopic Physics, East Lansing, MI, 2007.
 108. *Experimental Overview of Compound Nuclear Resonance Reactions*, G.E. Mitchell, International Workshop on Compound Nuclear Reactions and Related Topics, Fish Camp, CA, 2007.
 109. *Review of LLNL-Led Neutron Capture Studies Using DANCE*, W. Parker and the Dance Collaboration, *LANSCE Users Group Meeting*, Santa Fe, NM (2007).
 110. *Searching Color Transparency through Pion Electroproduction from Nuclear Target, PionCT Experiment*, X. Qian, Jefferson Lab Hall C Collaboration Meeting, (2007).
 111. *Some Ideas of BigBite Tracking Monte-Carlo*, X. Qian, Jefferson Lab Hall C Analysis Workshop, (2007).
 112. *Search for ϕ -N bound state in Jefferson Lab Hall-B*, Y. Qiang, Short Range Collaboration Workshop, JLab, Newport News, VA, October 2007.
 113. *Exploring the Pion Cloud of Hadrons*, S. Stave, Physics Seminar presented at North Georgia College and State University, Dahlonega, Georgia (April 3, 2007).
 114. *Exploring the Pion Cloud of Hadrons*, S. Stave, Nuclear Physics Seminar presented at the University of Kentucky, Lexington, Kentucky (2007).
 115. *Neutron Induced Reactions on Actinides Using Pulsed and Monoenergetic Beams at Triangle Universities Nuclear Laboratory*, A.P. Tonchev, presented at *the 2007 Stewardship Science Academic Alliances Symposium*, Washington, DC (2007).
 116. *Recent Experimental Results on the $^{241}\text{Am}(n,2n)$ Cross Section Measurements at TUNL*, A.P. Tonchev, Nuclear Reactions on Americium Workshop, Santa Fe, September 2007.
 117. *Missing Dipole Excitation Strength Below the Particle Threshold*, presented at *The Workshop on Photon Strength Functions and Related Topics*, A.P. Tonchev, Prague, Czech Republic (2007).
 118. *The 20th Anniversary of the Three-Nucleon Analyzing Power Puzzle — A Personal Recollection*, W. Tornow, 20th European Few-Body Conference, Pisa, Italy, September 2007.

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119. *The Three-Nucleon Analyzing Power Puzzle — The Past 20 Years*, W. Tornow, International Symposium on New Facets of the Three-Nucleon Force — 50 years of Fujita Miyazawa Three-Nucleon Force, Toyko, Japan, October 2007.
 120. *Testing the Possibility of using Gadolinium for Neutron Cancer Therapy*, C. Walker, G. E. Mitchell, B. Baramsai, R. Chankova, A. Chyzh, D. Dashdorj, U. Agvaanluvsan, J. A. Becker, W. E. Parker, C. Y. Wu and the DANCE Collaboration, *LANSCE Users Group Meeting*, Santa Fe, NM (2007).
 121. *Measuring the $^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$ Reaction by Means of the Inverse Reaction at HI γ S*, H.R. Weller, presented at the Town Meeting on Astrophysics, Chicago (January 2007).
 122. *Probing Chiral Dynamics with Photons*, H.R. Weller, presented at the QCD Town Meeting, Rutgers University (January 2007).
 123. *Studies in Chiral Dynamics using Real Photons*, H.R. Weller, presented at the *Nuclear Physics Gordon Conference*, Newport, RI (July 2007).
 124. *Development of an Ultracold Neutron Source at the PULSTAR Reactor*, A. R. Young, Workshop on Ultracold Neutrons, TRIUMF, September 2007.
 125. *NNbar Experiments using UCN*, A. R. Young, Workshop on Baryon and Lepton Number Violation, Lawrence Berkeley Laboratory, September 2007.
 126. *Progress on the UCNA experiment: Measuring the Beta-Asymmetry using Polarized Ultracold Neutrons*, A. R. Young, NSCL seminar, November 2007.
 127. *Plans for Compton scattering from light nuclei at HI γ S*, M. W. Ahmed, INT workshop on Soft Photons & Light Nuclei workshop, Seattle, June 16-20, 2008.
 128. *Discovering Neutrino Properties: A Low Energy Nuclear Physics Prospective*, H. Back, Ohio University Department of Physics and Astronomy colloquium, Athens, OH, January 2008.
 129. *Discovering Neutrino Properties: A Low Energy Nuclear Physics prospective*, H. Back, The University of New Hampshire Physics Department colloquium, Durham, NH, March 2008.
 130. *KURF, the Kimballton Underground Research Facility*, H. Back, The University of New Hampshire Nuclear Physics Seminar, Durham, NH, April 2008.
 131. *Cross Sections, Level Densities, and Strength Functions*, D. Dashdorj, SSAA Symposium, Washington, D.C., 2008.

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132. *Study of the Photon Strength Functions for Gadolinium Isotopes at the DANCE Array*, D. Dashdorj, Conference on Applications of Accelerators in Research and Industry, Fort Worth, TX, 2008.
 133. *Experimental Search on Color Transparency Effect*, H. Gao, Workshop on Nuclear Medium Effects on the Quark and Gluon Structure of Hadrons, ECT* Trento, Italy, June 3-7, 2008.
 134. *Neutron Structure Studies Using a Polarized ^3He Target*, H. Gao, American Physical Society Meeting, St. Louis, MO, April 11-April 15, 2008.
 135. *Measurement of Neutron Transversity Using a Polarized ^3He target at Jefferson Lab*, H. Gao, PKU-BNL Workshop on Transverse Spin Physics, Beijing University, Beijing, China, June 30-July 4, 2008.
 136. *Powering the Planet, Powering North Carolina: Physics Perspectives on Energy for the 21st Century*, C. Gould, UNC-Chapel Hill, Physics Department colloquium, February 2008.
 137. *Measurements of Few-Nucleon Reactions at HI γ S*, C.R. Howell., Gordon Conference on Photonuclear Reactions, Tilton, NH, August 2008.
 138. *Monte Carlo Reaction Rates*, C. Iliadis, Workshop on R-Matrix and Nuclear Reactions in Stellar Hydrogen and Helium Burning, Santa Fe, New Mexico, April 2008.
 139. *Low-energy Few-body Experiments - Why do we care about polarization?*, A. Imig, Brookhaven National Laboratory, April 2008.
 140. *Chaos and Symmetry Breaking in Nuclear Physics*, G.E. Mitchell, International Workshop on Chaos and Collectivity in Many-Body Systems, Dresden, Germany, 2008.
 141. *Neutron Capture Experiments with the DANCE Array*, G.E. Mitchell, Technical University Darmstadt, Darmstadt, Germany, 2008.
 142. *Neutron Capture Measurements with the DANCE Array*, G.E. Mitchell, Forschungszentrum Dresden-Rossendorf, Rossendorf, Germany, 2008.
 143. *Purity and Completeness Issues in Nuclear Physics*, G.E. Mitchell, Workshop on Statistical Nuclear Physics and Applications in Astrophysics and Technology, Athens, OH, 2008.
 144. *Polarized ^3He target preparations for Transversity/ d_2n Experiments*, Y. Qiang, Jefferson Lab Hall A Collaboration Meeting, JLab, Newport News, VA, June 2008.

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145. *Neutron-Induced Reactions on Actinides Using Pulsed and Monoenergetic Beams at Triangle Universities Nuclear Laboratory*, A.P. Tonchev, 2008 Stewardship Science Academic Alliance, Washington, DC, February 2008.
 146. *Nuclear Data Measurements on Actinides Using the High Intensity Gamma-ray Source*, A.P. Tonchev, Academic Research Initiative Grantees Conference, Washington, DC, April 2008.
 147. *Photodisintegration Cross Section of ^{241}Am* , A.P. Tonchev, CAARI 2008, 20th International Conference on the Application of Accelerators in Research and Industry, Fort Worth, Texas, August 2008.
 148. *The Three-Nucleon Analyzing Power Puzzle — The Past 20 Years*, W. Tornow, American Physical Society Meeting, St. Louis, MO, April 2008.
 149. *Improved Experimental Limits for Neutron-Antineutron Oscillations*, A. R. Young, Los Alamos P/T Colloquium, Los Alamos National Laboratory, February 2008.
 150. *The UCNA Experiment: Progress Towards a Measurement of the Beta-Asymmetry with Ultracold Neutrons*, A.R. Young, NP08 Symposium, Mito, March 2008.
 151. *Neutrinoless Double Beta-decay: the Majorana Project*, A.R. Young, UNC-Wilmington Colloquium, April 2008.
 152. *The UCNA Experiment: First Results for a Measurement of the Beta-Asymmetry with Ultracold Neutrons*, A.R. Young, High Energy Physics Seminar, Duke University, April 2008.
 153. *Personal and Biased Summary and Outlook*, A.R. Young, Summary talk for the Workshop on Fundamental Physics with Slow Neutrons, Institut Laue Langevin, May 2008.
 154. *Development of an Ultracold Neutron Source at the PULSTAR Reactor*, A.R. Young, Technical University of Munich, May 2008.
 155. *Gerasimov-Drell-Hearn Integral on ^3He Part I: 3-body measurement for E_γ at 11.4 and 14.7 MeV*, X. Zong, INT workshop on Soft Photons & Light Nuclei workshop, Seattle, June 16-20, 2008.