Scholarly Presentations (selected)

94. ABRCMS 2014 meeting attended and served as judge for the chemistry section poster presentations, Nov, 2014, San Antonio, TX.


90. Zerihun Assefa, Invited “Synthesis, Structural, and Photoluminescence Studies of Gd(terpy)(H₂O)(NO₃)₂M(CN)₂(M = Au, Ag) Complexes: Multiple Emissions from Intra- and Inter-molecular Excimers and Exciplexes” Hampton University, Chemistry Department Seminar, February, 2014


84. Z. Assefa National Science Foundation NanoHUB Workshop, Hampton University, Hampton, VA, April 4, 2012.

83. Z. Assefa, attendee in The First Critical Thinking Institute on MetaCognition, NCAT, Greensboro, NC (9/21/2011)

82. Writing for the Web Workshop, NCAT, Greensboro, NC Sept 9, 2011.

81. Zerihun Assefa, Sykora, Carlos Crawford, Rylee B Thomas, Philip A Smith, Oral "Synthesis, Structural, and Photoluminescence Studies of Gd(terpy)(H₂O)(NO₃)₂M(CN)₂(M =
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80. Kendra E Whitehead, Zerihun Assefa “Synthesis and Photoluminescence of Tb(Au(CN)₂)₂(Terpy)∙4H₂O” SERMACS-2011, Friday, October 28, 2011, Richmond, VA

79. Darkus E Jenkins, Zerihun Assefa “Synthesis and characterization of a novel phosphine, 1-methylbenzimidazole diphenylphosphine, and the coordination to gold (I) center” SERMACS-2011, Friday, October 28, 2011, Richmond, VA

78. Zerihun Assefa, Invited “Synthesis, Structural, and Photoluminescence Studies of Gd(terpy)(H₂O)(NO₃)₂M(CN)₂(M = Au, Ag) Complexes: Multiple Emissions from Intra- and Inter-molecular Excimers and Exciplexes” 4th Chemical Sciences Symposium, October, 21, 2011, NCAT, Greensboro, NC

77. Kendra E Whitehead, Zerihun Assefa “Synthesis and Photoluminescence of Tb(Au(CN)₂)₂(Terpy)∙4H₂O”. 4th Chemical Sciences Symposium, October, 21, 2011, NCAT, Greensboro, NC

76. Darkus E Jenkins, Zerihun Assefa “Synthesis and characterization of a novel phosphine, 1-methylbenzimidazole diphenylphosphine, and the coordination to gold (I) center” 4th Chemical Sciences Symposium, October, 21, 2011, NCAT, Greensboro, NC


74. Darkus Jenkins, Z. Assefa, “Synthesis and spectroscopic studies of Gold(I) phosphines that may be used for the detection of volatile organic compounds. ISET-day Poster presentation, February 11, 2011.


70. Z. Assefa, Invited, National Security Agency campus visit, Materials for Chemical Sensors Potential for National Security Agency Interest at NCAT, March 24, 2011

69. Z. Assefa, Invited, “Cooperative effect of multi-donor sensitizers in the photochemistry of lanthanide- gold and platinum di- and tetra-cyano-complexes” Chemistry Dept., Wake Forest University, October 27, 2010,


66. Darkus Jenkins, Z Assefa “Synthesis and spectroscopic studies of Gold(I) phosphines that may be used for the detection of volatile organic compounds. ISET-day oral presentation, February 28, 2010.


62. Derrick Forcha, Z. Assefa, “Concentration and pH dependent behavior of the photoluminescence properties of Cerium (III) in Ce(NO$_3$)$_3$ and CeCl$_3$ Systems”. The 10$^{th}$ Annual Poster and Vendor Night Sponsored by Syngenta and the Central North Carolina Section of ACS, April 13, 2010.


55. Darkus Jenkins, Z Assefa “Synthesis and spectroscopic studies of Gold(I) phosphines that may be used for the detection of volatile organic compounds. The Fifth EPP- Forum – Howard University, Nov. 12-16, 2009.
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49) Z. Assefa, Invited, “Water soluble high co-ordination number gold(I) phosphine complexes for potential applications in cancer and AIDS research” P20 Collaborative Research Retreat, Wake Forest University and NCAT, Dec. 5., 2008


47) Darkus Jenkins, and Zerihun Assefa “ Synthesis and spectroscopic studies of Gold(I) phosphines that may be used for the detection of volatile organic compounds (VOC).” NOAA-ISET- center meeting, North Carolina State University, October 27-28, 2008.


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31) Z. Assefa, Oral “The design of luminescent sensors based on gold-gold interactions” NOAA-ISET, Meeting, CUNY, New York, June 11, 2007


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18) R. G. Haire, P. E. Raison, Z. Assefa, Poster “Systematic and fundamental studies of pyrochlore oxides: An\textsubscript{2}Zr\textsubscript{2}O\textsubscript{7} (An=Pu, Am)” Nov. 4 – 9, Actinides-2001, Hyama, Japan.


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7) Z. Assefa; R. G. Haire; N. Stump “Spectral Characterization and Excited-State Interactions Between Rare Earth Ions Doped in Borosilicate and Sol-Gel Glasses: Energy Transfer Up-Conversion in the Pr/Sm System.” Materials Research Society Fall Meeting, Symposium T5.27, Boston, MA, December 2 - 6, 1996.


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