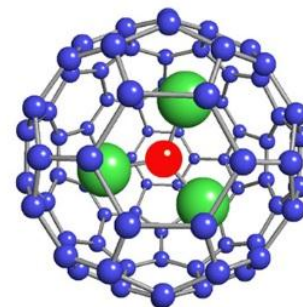




STEVEN STEVENSON, Ph.D.

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EDUCATION

1. Ph.D. Chemistry, **Virginia Tech**, Blacksburg, VA (1995)
2. M.S. Chemistry, **Virginia Tech**, Blacksburg, VA (1992)
3. B.S. Chemistry, **Angelo State University**, San Angelo, TX (1990)

EMPLOYMENT and PROFESSIONAL DEVELOPMENT

1. **Associate Professor** (2014–Present) Chemistry, IPFW, Fort Wayne, IN.
2. **Asst. Professor** (2011–2014) Chemistry, IPFW, Fort Wayne, IN.
3. **Asst. Professor** (2004–2011) Chemistry, University of Southern Mississippi, Hattiesburg, MS.
4. **Visiting Professor/Naval Research Lab Faculty Fellow** (2009) Washington, DC
5. **Senior Research Scientist** (2000–2004) Nanomaterials, Luna Innovations, Blacksburg, VA.
6. **Consultant** (2000) Luna Innovations, Blacksburg, VA.
7. **Visiting Professor** (1999) Chemistry Department, Virginia Tech, Blacksburg, VA.
8. **Research Scientist** (1997–2000) Chemistry Department, Virginia Tech, Blacksburg, VA.
9. **Visiting Professor** (1998) Chemistry Department, Virginia Tech, Blacksburg, VA.
10. **Asst. Professor** (1996–1997) Chemistry, Stephen F. Austin State University, Nacogdoches, TX.
11. **Visiting Professor** (1996) Chemistry Department, Virginia Tech, Blacksburg, VA.
12. **Post-Doctoral Associate** (1995–1996) Chemistry Department, Virginia Tech, Blacksburg, VA.
13. **ACS NMR Short Course Instructor** (1991–1995) Virginia Tech, Blacksburg, VA.
14. **General Chemistry Lab Instructor** (1990–1995) Virginia Tech, Blacksburg, VA.

HONORS, RECOGNITION, AND AWARDS

1. IPFW Outstanding Research Award (2014)
2. Pippert Science Research Scholar Award (2014)
3. 44 Invited Research Talks (1996–present)
4. Invitations and Written Book Chapter (2011, 2013, 2014)
5. Naval Research Fellowship Award (2009)
6. Junior Faculty Research Award via Faculty Senate (2007)
7. Lucas Award for Research Excellence (2006)
8. Teacher of the Year Award (1994–1995)
9. Minnie Stevens Piper Scholar Award (1986–1990)

TEACHING/EDUCATION HIGHLIGHTS

1. General Chemistry I, II
2. Analytical Chemistry
3. Descriptive Inorganic Chemistry
4. Living Chemistry
5. Environmental Chemistry
6. Introduction to Undergraduate Research
7. Undergraduate Research (Capstone)
8. Analytical Separations (Graduate course)
9. 40 high school, community college, undergraduate, and graduate students participate in research

FUNDING

1. Stevenson S. (PI), "RUI: Chemical Methods for Isolating Metal Clusters Inside Large Fullerene Cages (C_{82} - C_{140})," **National Science Foundation (NSF)**, Funded (2015 – 2018) **\$288,168**
2. Stevenson S. (PI), "RUI: Investigations of Newly Discovered OxoMetallic Clusters Inside Fullerene Cages," **National Science Foundation (NSF)**, Funded (2012 – 2015) **\$279,775**
3. Stevenson S. (PI), "Discovery and Isolation of New Molecules," **IPFW Research Foundation Summer Research Grant**, Funded (2012) **\$8,000**
4. Stevenson, S. (subcontract to PI), "Nanocaged Metal Tags Massively Multiplexed Leukemia Bioassays and Beyond," **National Institute of Health (NIH)**, Funded (2011 – 2012) Funded **\$94,000**
5. Stevenson, S. (PI), "Making New Medical Drugs," **Lucas Foundation**, Funded (2006) **\$4,400**
6. Stevenson, S. (PI), "CAREER: Investigations of Newly Discovered Metallic Nitride Caged Nanomaterials," **National Science Foundation (NSF)**, Funded (2006 – 2011), **\$510,000**
7. Stevenson S. (PI), "Purification of Metallic Nitride Nanomaterials by Chemical Separations," **National Science Foundation (NSF)**, Funded, (2004) **\$499,958**
8. Stevenson S. (PI), "Trimetasphere Nanomaterials as Friction Coatings," **Department of Defense, Navy**, Funded, (2004) **\$69,963**
9. Stevenson S. (PI), "Nuclear-Magnetic Resonance (NMR) Properties of Carbon Nanomaterials for Medical Applications," **National Science Foundation (NSF)**, Funded (2003) **\$715,855**
10. Stevenson S. (PI), "Purification of Metallic Nitride Nanomaterials by Chemical Separation," **National Science Foundation (NSF)**, Funded (2003) **\$99,990**
11. Stevenson S. (PI), "NMR Properties of Carbon Nanomaterials for Medical Applications," **National Science Foundation (NSF)**, Funded (2002) **\$99,901**
12. Stevenson S. (PI), "Novel Water-Soluble TNT Metallofullerene Derivatives for Imaging Applications," **National Science Foundation (NSF)**, Funded (2002) **\$99,988**
13. Stevenson S. (PI), "Methods for Continuous Synthesis of Carbon Nanostructured Materials," **National Science Foundation (NSF)**, Funded (2001) **\$99,981**
14. Stevenson S. (PI), "Carbon Nanomaterial Based Computers," **Department of Defense, Missile Defense Agency**, Funded (2001) **\$64,966**

PATENTS

1. U.S. Patent No. 7,570,411 "Optical Limiter Having Trimetallic Nitride Endohedral Metallofullerene Films" (2009)
2. U.S. Patent (#7,060,636) "Tunable Dielectric Device and Process Relating Thereto" (2006)
3. World Patent (WO 2005/097676) "Method of Making Multiple Carbonaceous Nanomaterials" (2005)
4. World Patent (WO 2005/096726) "Optical Limiter Having Trimetallic Nitride Endohedral Metallofullerene Films" (2005)
5. World Patent (WO 2005/098967) "Photovoltaic Device with Trimetaspheres" (2005)
6. World Patent (WO 2005/053083) "Tunable Dielectric Device and Process Relating Thereto" (2005)
7. U.S. Patent No. 6,471,942 – "Imaging and Treatment for Body" (2002)
8. U.S. Patent No. 6,303,760 – "Endohedral Metallofullerenes and Method for Making the Same" (2001)

PROFESSIONAL ACTIVITIES

1. Grant Reviewer and Review Panelist (National Science Foundation) (2006-present)
2. Journal Reviewer : Journal of the American Chemical Society, Chemical Communications, Chemistry of Materials, Chemistry – European Journal, Journal of Physical Chemistry, Journal of Physical Organic Chemistry, Nanoscale, Optics Communications, Fullerenes, Nanotubes, and Carbon Nanostructures, Inorganic Chemistry, Polyhedron, Organometallics, Heteroatom Chemistry, Microelectronic Engineering, and Chemical Reviews (2006-present)
3. Faculty Advisor, University of Southern Mississippi, Student Affiliates of the ACS (2004-2006)
4. College of Science, Virginia Tech, Dean's Advisory Roundtable Council (2004)
5. Mississippi Academy of Sciences member (2004-2005)
6. American Chemical Society member (since 1996)
7. Electrochemical Society member (since 2001)

GRADUATE STUDENTS SUPERVISED and GRADUATED

1. Mary Mackey, Ph. D. (2011)
2. Curtis Coumbe, Ph.D. (2009)
3. Hua Yu, MS (2006)

UNDERGRADUATE STUDENT RESEARCHERS MENTORED

1. Hannah Masri
2. Brittany Robinson
3. Nichole Davis
4. Sarah Budd
5. Amelia Kirkhorn
6. Hannah Thompson
7. Brittany Kime
8. Muska Fahim
9. Kristine Arvola
10. Khristina Rottinger
11. Jessica Field
12. Madeline Merkel
13. Alyssa Nott
14. Amanda Sauders
15. Tim Byers
16. Tony Zimmerman
17. Christina Heins
18. Samantha Maki
19. Swatabdi Kamal
20. Angie Beer
21. Coralie Rose
22. Nadja Flowers
23. Erin Fortenberry
24. Jessica Allcock
25. Juliya Maslenikova
26. Katie Carpenter
27. Alyssa Robson
28. Shanna LaVergne
29. Joshua Phillips
30. Ryan Stephen
31. Mary Mackey
32. Quint Hunt
33. Michael Corey Thompson
34. Ivory Dean
35. Jimmy Villareal
36. Veronika Viner
37. Melissa Stuart
38. Marshall Hutchison
39. Howard Louie Coumbe

HIGH SCHOOL STUDENT RESEARCHERS MENTORED

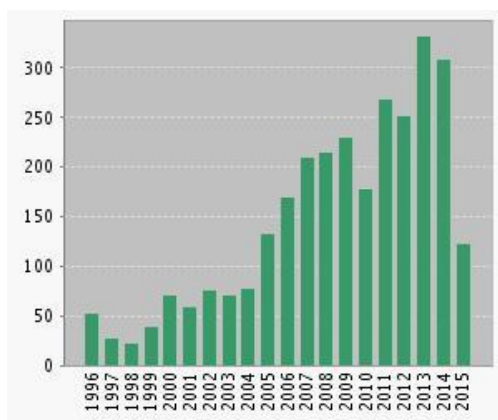
1. Benjamin Martin (High School)
2. Wayne Dowden (High School)
3. Jonathan Dupont (High School)
4. Christy Dyess (High School)

SERVICE

1. University Service: IPFW: Faculty Senate (2012-2015), Travel Committee (2014-present), COAS Council, (2011-2012), Senate Subcommittee for Nominations and Elections (2012-2015), Judge at Research Conference (2013-2015), Judge, Summit Scholar Competition (2012), Vice President, Sigma

- Xi (2015-2016) USM: Chair, Lucas funding committee (2006)
2. Departmental Committee Service: IPFW: Faculty Affairs, Planning Committee, Library Committee (chair), Seminar Host USM: Instrument Committee, Recruiting Committee, Space Committee, Seminar Host, Undergraduate Research Coordinator, ACS Faculty Advisor for the ACS Student Affiliates
 3. Recruiting Trips to Conferences, Universities, Colleges, Community Colleges, and High Schools
 4. 12 Graduate Student Committees
 5. Recruiting Booths for department at conferences
 6. Job shadowing program
 7. Outreach: Long Beach Middle School, High Schools: Wayne County, Oak Grove, Poplarville, Tupelo, Homestead
 8. Invited local talks at Oak Grove high school, Poplarville high school, Copiah-Lincoln Community College, Jackson State University, Alcorn State University, Mississippi University for Women
 9. Summer research host for Mississippi School for Math and Science (MSMS), Mississippi University for Women, Jones County Junior College, and SUNY-Albany
 10. Majority of research students from underrepresented groups
 11. Judge for Undergraduate Research Conference (IPFW)
 12. Session Co-Chair, Electrochemical Society Conferences (Toronto, Orlando, Cancun, Phoenix)

PUBLICATIONS (Peer Reviewed)



Citation Data for Stevenson's Publications*

59 publications
 Sum of Times Cited = 2,947
 Citations per Publication = 50

Citing Articles = 1213

h-index = 30

* Web of Science (September 2015)

61. Stevenson, S.; Arvola, K.D.; Fahim, M.; Martin, B.R., Ghiassi, K.B.; Olmstead, M.M.; Balch, A.L. "Isolation and Crystallographic Characterization of $Gd_3N@D_2(35)-C_{88}$ through Non-Chromatographic Methods," Inorganic Chemistry, accepted August (2015)
60. Cerón, M.R.; Izquierdo, M.; Garcia-Borràs, M.; Lee, S.S., Stevenson, S., Osuna, S.; Echegoyen, L. "Bis-1,3-Dipolar Cycloadditions on Endohedral Fullerenes $M_3N@I_h-C_{80}$ ($M = Sc, Lu$): Remarkable Endohedral-Cluster Regiochemical Control," Journal of the American Chemical Society, 137, 11775-11782 (2015)
59. Stevenson, S.; Thompson, H.R.; Arvola, K.D. ; Ghiassi, K.B.; Olmstead, M.M.; Balch A.L. "Isolation of $CeLu_2N@I_h-C_{80}$ Though a Non-Chromatographic, Two-Step Chemical Process and Crystallographic Characterization of the Pyramidalized $CeLu_2N$ within the Icosahedral Cage," Chemistry - European Journal, 21, 10362 – 10368 (2015)
58. Stevenson, S.; Rottinger, K.A; Fahim, M.; Field, J.S.; Martin, B.R.; Arvola, K.D. "Tuning the Selectivity of Gd_3N Cluster Endohedral Metallofullerene Reactions with Lewis Acids," Inorganic Chem, 53, 12939-12946 (2014)
57. Stevenson, S.; Rottinger, K.A.; Field J.S., "Fractionation of Rare-Earth Metallofullerenes via Reversible Uptake and Release from Reactive Silica," Dalton Transactions, 43, 7435 - 7441 (2014)

56. Stevenson, S.; Rose, C.B.; Robson, A.A.; Heaps, D.T.; Buchanan, J.P. "Effect of Water and Solvent Selection on SAFA Purification Times for Metallic Nitride Fullerenes" Fullerenes, Nanotubes, and Carbon Nanostructures, 22, 182-189 (2014)
55. Stevenson, S. and Rottinger, K. "CuCl₂ for the Isolation of a Broad Array of Endohedral Fullerenes Containing Metallic, Metallic Carbide, Metallic Nitride, and Metallic Oxide Clusters, and Separation of Their Structural Isomers," Inorganic Chemistry, 52, 9606-9612 (2013)
54. Zhang, J.; Stevenson S.; Dorn, H.C. "Trimetallic Nitride Template Endohedral Metallofullerenes: Discovery, Structural Characterization, Reactivity and Applications," Accounts of Chemical Research, 46, 1548-1557 (2013)
53. Rivera-Nazario, D.M., Pinzon, J.R., Stevenson, S., Echegoyen, L.A., "Buckyball Maracas: Exploring the Inside and Outside Properties of Endohedral Fullerenes," Journal of Physical Organic Chemistry, 26, 194-205 (2013)
52. Stevenson, S., Mackey, M.A., Rose, C.B., Maslenikova, J.S., Villarreal, J.R., Mercado, B.Q., Chen, K., Olmstead, M.M., Balch, A.L., "Selective Synthesis, Isolation and Crystallographic Characterization of LaSc₂N@I_h-C₈₀," Inorganic Chemistry, 51, 13096-13102 (2012)
51. Popov, A.A., Chen, N.; Pinzon, J.R., Stevenson, S., Echegoyen, L.A., Dunsch, L., "A Redox-Active Scandium-Oxide Cluster Inside a Fullerene Cage: Spectroscopic, Voltammetric, ESR Spectroelectrochemical and Extended DFT Study of Sc₄O₂@C₈₀ and Its Ion-Radicals," Journal of the American Chemical Society (JACS), 134, 19607-19618 (2012)
50. Ling, Y; Stevenson, S.; Zhang, Y. "Metallic Nitride Azafullerenes; A Novel Class of Fullerenes With Interesting Electronic Properties" Chemical Physics Letters, 508, 121-124 (2011)
49. Mercado, B.Q.; Chen, N.; Rodriguez-Forteza, A.; Mackey, M.A.; Stevenson, S.; Echegoyen, L.; Poblet, J.M.; Olmstead, M.M.; Balch, A.L. "The Shape of the Sc₂(μ₂-S) Unit Trapped in C₈₂: Crystallographic, Computational and Electrochemical Studies of the Isomers, Sc₂(μ₂-S)@C_s(6)-C₈₂ and Sc₂(μ₂-S)@C_{3v}(8)-C₈₂" Journal of the American Chemical Society, 133, 6752-6760 (2011)
48. Shustova, N.B.; Peryshkov, D.V.; Kuvychko, I.V.; Chen, Y.-S.; Mackey, M.A.; Coumbe, C.E.; Heaps, D.T.; Confait, B.S.; Heine, J.; Phillips, J.P.; Stevenson, S.; Dunsch, L.; Popov, A.A.; Strauss, S.H.; Boltalina, O.V. "Poly(perfluoroalkylation) of Metallic Nitride Fullerenes Reveals Addition-Pattern Guidelines: Synthesis and Characterization of a Family of Sc₃N@C₈₀(CF₃)_n (n = 2-16) and Their Radical Anions" Journal of the American Chemical Society, 133, 2672-2690 (2011)
47. Mercado, B.; Stuart, M. A.; Mackey, M. A.; Pickens, J. E.; Confait, B. S.; Stevenson, S.; Easterling, M. L.; Valencia, R.; Rodriguez-Forteza, A.; Poblet, J. M.; Olmstead, M. M.; Balch, A. L. "Sc₂O Trapped in a Fullerene Cage: The Isolation and Structural Characterization of Sc₂O@C_s(6)-C₈₂" Journal of the American Chemical Society, 132, 12098-12105 (2010)
46. Popov, A.A.; Shustova, N.B.; Svitova, A.L.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Stevenson, S.; Strauss, S.H.; Boltalina, O.V.; Dunsch, L., "Redox-Tuning Endohedral Fullerene Spin States: From the Dication to the Trianion Radical of Sc₃N@C₈₀(CF₃)₂ in Five Reversible Single-Electron Steps" Chemistry – European Journal, 16, 4721-4724 (2010)
45. Mercado, B. Q.; Olmstead, M.M.; Beavers, C.M.; Easterling, Michael, L.; Stevenson, S.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.D.; Phillips, J.P.; Poblet, J.M.; Balch, A.L. "A Seven Atom Cluster in a Carbon Cage, the Crystallographically Determined Structure of Sc₄(μ₃-O)₃@I_h-C₈₀," Chemical Communications, 46, 279-281 (2010)

44. Stevenson, S.; Coumbe, C.E.; Mackey, M.A.; Confait, B.S.; Phillips, J.P.; Dorn, H.C; Ling, Y.; Zhang, Y. "Preferential Encapsulation and Stability of La_3N Cluster in 80 Atom Cages: Experimental Synthesis and Computational Investigation of $La_3N@C_{79}N$," Journal of the American Chemical Society, 131, 17780-17782 (2009)
43. Stevenson, S.; Mackey, M. A.; Pickens, J.E.; Stuart, M.A.; Confait, B.S.; Phillips, J.P., "Selective Complexation and Reactivity of Metallic Nitride and OxoMetallic Fullerenes with Lewis Acids and Use as an Effective Purification Method," Inorganic Chemistry, 48, 11685-11690 (2009)
42. Shustova, N.B.; Chen, Y.-S.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Stevenson, S.; Popov, A.A.; Boltalina, O. V.; Strauss, S.H., " $Sc_3N@(C_{80}-I_h(7))(CF_3)_{14}$ and $Sc_3N@C_{80}-I_h(7))(CF_3)_{16}$. Endohedral Metallofullerene Derivatives with Exohedral Addends on Four and Eight Triple-Hexagon Junctions. Does the Sc_3N Cluster Control the Addition Pattern or Vice Versa?" Journal of the American Chemical Society, 131, 17630-17637 (2009)
41. Valencia, R.; Rodriguez-Forteza, A.; Stevenson, S.; Balch, A.L. Poblet, J.M. "Electronic Structures of Scandium Oxide Endohedral Metallofullerenes, $Sc_4(\mu_3-O)_n@I_h-C_{80}$ ($n=2, 3$)" Inorganic Chemistry, 48, 5957-5961 (2009)
40. McCluskey, D.M.; Smith, T.N.; Madasu, P.K; Coumbe, C.E.; Mackey, M. A.; Fulmer, P.A.; Wynne, J.H.; Stevenson, S; Phillips, J.P., "Evidence for Singlet Oxygen Generation and Biocidal Activity In Photo-Responsive Metallic Nitride Fullerene-Polymer Adhesive Films," ACS Applied Materials and Interfaces, 1, 882-887 (2009)
39. Stevenson, S.; Mackey, M.A.; Stuart, M.A.; Phillips, J.P.; Easterling, M.L.; Chancellor, C.J.; Olmstead, M.M., and Balch, A.L., "A Distorted Tetrahedral Metal Oxide Cluster Inside an Icosahedral Carbon Cage. Synthesis, Isolation and Structural Characterization of $Sc_4(\mu_3-O)_2@I_h-C_{80}$," Journal of the American Chemical Society, 130, 11844-11845 (2008)
38. Phillips, J.P.; Mackey, N.M.; Confait, B.S.; Heaps, D.T.; Deng, X.; Todd, M.L.; Stevenson, S.; Zhou, H., and Hoyle, C.E. "Dispersion of Gold Nanoparticles in UV-cured, Thiol-ene Films by Precomplexation of Gold-Thiol," Chemistry of Materials, 20, 5240-5245 (2008)
37. Stevenson, S.; Chancellor, C. J.; Lee, H. M.; Olmstead, M. M.; Balch, A. L., "Internal and External Factors in the Structural Organization in Cocrystals of the Mixed-Metal Endohedrals ($GdSc_2N@I_h-C_{80}$, $Gd_2ScN@I_h-C_{80}$, and $TbSc_2N@I_h-C_{80}$) and Nickel(II) Octaethylporphyrin," Inorganic Chemistry, 47, 1420-1427 (2008)
36. Stevenson, S., Coumbe, C.E., Thompson, M.C., Coumbe, H.L., Phillips, J.P., Buckley, J.L., Wynne, J.H., "Conversion of Nanomaterial Waste Soot to Recycled Sc_2O_3 Feedstock for the Synthesis of Metallic Nitride Fullerenes," Industrial Engineering Chemical Research, 47, 2096-2099 (2008)
35. Phillips, J.P.; Deng, X.; Todd, M.; Stevenson, S.; Zhou, H.; Hoyle, C.E., "Singlet oxygen generation and adhesive loss in stimuli-responsive, fullerene-polymer blends, containing polystyrene-block-polybutadiene-block-polystyrene and polystyrene-block-polyisoprene-block-polystyrene rubber-based adhesives," Journal of Applied Polymer Science, 109, 2895-2904 (2008)
34. Wynne, J.H.; Buckley, J.L.; Coumbe, C.E.; Phillips, J.P. and Stevenson, S., *Reducing Hazardous Material and Environmental Impact through Recycling of Scandium Nanomaterial Waste*," Journal of Environmental Health and Science, Part B, 43, 357-360 (2008)
33. Plonska-Brzezinska, M.E.; Athans, A.J.; Phillips, J.P.; Stevenson, S.; Echegoyen, L., "A Reinvestigation of the Electrochemical Behavior of $Sc_3N@C_{80}$," Journal of Electroanalytical Chemistry, 614, 171-174 (2008)
32. Stevenson, S.; Mackey, M. A.; Thompson, M.C.; Coumbe, H.L.; Madasu, P.K.; Coumbe, C.E.;

Phillips, J.P., "Effect of Copper Metal on the Yield of $Sc_3N@C_{80}$ Metallofullerenes," Chemical Communications, 4263-4265 (2007)

31. Stevenson, S., Thompson, M.C., Coumbe, H.L., Mackey, M.A., Coumbe, C.E., Phillips, J.P., "Chemically Adjusting Plasma Temperature, Energy and Reactivity (CAPTEAR) Method Using NO_x and Combustion for Selective Synthesis of $Sc_3N@C_{80}$ Metallic Nitride Fullerenes," Journal of the American Chemical Society, 129(51); 16257-16262 (2007)

30. Shustova, N.B.; Popov, A.A.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Stevenson, S.; Strauss, S.H.; Boltalina, O.V., "Radical Trifluoromethylation of $Sc_3N@C_{80}$," Journal of the American Chemical Society, 129, 11676-11677 (2007)

29. Phillips, J.P.; Deng, Xiao; Stephen, R.R.; Fortenberry, E.; Todd, M.; McCluskey, D.M.; Stevenson, S.; Misra, R.; Morgan, S.; Long, T., "Nano- and bulk-tack adhesive properties of stimuli-responsive, fullerene-polymer blends, containing polystyrene-block-polybutadiene-block-polystyrene and polystyrene-block-polyisoprene-block-polystyrene rubber-based adhesives," Polymer, 48(23), 6773-6781 (2007)

28. Stevenson, S.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Elliott, B., and Echegoyen, L., "Rapid Removal of D_{5h} Isomer Using the "Stir and Filter Approach" and Isolation of Large Quantities of Isomerically Pure $Sc_3N@C_{80}$ Metallic Nitride Fullerenes," Journal of the American Chemical Society, 129, 6072-6073 (2007).

27. Stevenson, S.; Harich, K.; Yu, H.; Stephen, R.R.; Heaps, D.; Coumbe, C.; Phillips, J.P. "Nonchromatographic "Stir and Filter Approach" (SAFA) for Isolating $Sc_3N@C_{80}$ Metallofullerenes," Journal of the American Chemical Society, 128, 8829-8835 (2006).

26. Stevenson, S.; Stephen, R.R.; Amos, T.M.; Cadorette, V.R.; Reid, J.E.; Phillips, J.P. "Synthesis and Purification of a Metallic Nitride Fullerene BisAdduct: Exploring the Reactivity of $Gd_3N@C_{80}$ ", Journal of the American Chemical Society, 127, 12776-12777 (2005).

25. Stevenson S., Phillips J.P., Reid J.E., Olmstead M.M., Pham D., and Balch A.L., "Pyramidalization of Gd_3N inside a C_{80} Cage: The Synthesis and Structure of $Gd_3N@C_{80}$," Chemical Communications, 2814-2815 (2004).

24. Olmstead M.M., Lee H.M., Duchamp J.C., Stevenson S., Marciu D, Dorn H.C., Balch A.L., " $Sc_3N@C_{68}$: Folded Pentalene Coordination in an Endohedral Fullerene that Does Not Obey the Isolated Pentagon Rule" Angewandte Chemie 42 (8): 900-903 (2003).

23. Olmstead M.M., Lee H.M., Stevenson S., Dorn H.C., Balch A.L., "Crystallographic Characterization of Isomer 2 of $Er_2@C_{82}$ and comparison with Isomer 1 of $Er_2@C_{82}$ ", Chemical Communications (22): 2688-2689 (2002).

22. Stevenson S., Lee H.M., Olmstead M.M., Kozikowski C., Stevenson P., Balch A.L., "Preparation and Crystallographic Characterization of a New Endohedral, $Lu_3N@C_{80} \cdot 5$ Xylene and Comparison With $Sc_3N@C_{80} \cdot 5$ Xylene," Chemistry – a European Journal 8 (19): 4528-4535 (2002).

21. Olmstead M.M., de Bettencourt-Dias A., Stevenson S., Dorn H.C., Balch A.L., "Crystallographic Characterization of the Structure of the Endohedral Fullerene $Er_2@C_{82}$ Isomer I With C_s Cage Symmetry and Multiple Sites for Erbium Along a Band of Ten Contiguous Hexagons," Journal of the American Chemical Society 124 (16): 4172-4173 (2002).

20. Ioffe I.N., Ievlev A.S., Boltalina O.V., Sidorov L.N., Dorn H.C., Stevenson S., Rice G., "Electron Affinity of Some Trimetallic Nitride and Conventional Metallofullerenes," International Journal of Mass Spectrometry 213 (2-3): 183-189 (2002).

19. Macfarlane R.M., Bethune D.S., Stevenson S., Dorn H.C., "Fluorescence Spectroscopy and Emission Lifetimes of Er^{3+} in $Er_xSc_{3-x}N@C_{80}$ ($x=1-3$)," Chemical Physics Letters 343 (3-4): 229-234 (2001).
18. Olmstead M.H., de Bettencourt-Dias A., Duchamp J.C., Stevenson S., Marciu D., Dorn H.C., Balch A.L., "Isolation and Structural Characterization of the Endohedral Fullerene $Sc_3N@C_{78}$," Angewandte Chemie 40 (7): 1223-1225 (2001).
17. Olmstead M.H., de Bettencourt-Dias A., Duchamp J.C., Stevenson S., Dorn H.C., Balch A.L., "Isolation and Crystallographic Characterization of $ErSc_2N@C_{80}$: An Endohedral Fullerene Which Crystallizes with Remarkable Internal Order," Journal of the American Chemical Society, 122 (49): 12220-12226 (2000).
16. Stevenson S., Fowler P.W., Heine T., Duchamp J.C., Rice G., Glass T., Harich K., Hajdu E., Bible R., Dorn H.C., "A Stable Non-Classical Metallofullerene Family," Nature 408 (6811): 427-428 (2000)
15. Anderson M.R., Dorn H.C., Stevenson S.A., "Making Connections Between Metallofullerenes and Fullerenes: Electrochemical Investigations," Carbon 38 (11-12): 1663-1670 (2000)
14. Stevenson S., Rice G., Glass T., Harich K., Cromer F., Jordan M.R., Craft J., Hadju E., Bible R., Olmstead M.M., Maitra K., Fisher A.J., Balch A.L., Dorn H.C., "Small-Bandgap Endohedral Metallofullerenes in High Yield and Purity," Nature 401 (6748): 55-57 (1999).
13. Heflin J.R., Marciu D., Figura C., Wang S., Burbank P., Stevenson S., Dorn H.C., "Enhanced Nonlinear Optical Response of an Endohedral Metallofullerene Through Metal-to-Cage Charge Transfer," Applied Physics Letters 72 (22): 2788-2790 (1998).
12. Stevenson S., Glass T., Dorn H.C., " ^{13}C Dynamic Nuclear Polarization: an Alternative Detector for Recycled-Flow NMR Experiments," Analytical Chemistry 70 (13): 2623-2628 (1998).
11. Stevenson S., Burbank P., Harich K., Sun Z., Dorn H.C., van Loosdrecht P.H.M., deVries M.S., Salem J.R., Kiang C.H., Johnson R.D., Bethune D.S., " $La_2@C_{72}$: Metal-Mediated Stabilization of a Carbon Cage," Journal of Physical Chemistry-A 102 (17): 2833-2837 (1998).
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BOOK CHAPTERS

4. **Invited Book Chapter**, Stevenson, S., "Chapter 2. Preparation and Purification of Endohedral Metallofullerenes (EMFs)," pp. 19-66, in the book "Endohedral Metallofullerenes---Basics and Applications" CRC press, ISBN 978-1-4665-9394-7 (2015)

3. **Invited Book Chapter**, Stevenson, S., "Metal Oxide Clusterfullerenes," Chapter 7, pp. 179-210, in the book Endohedral Fullerenes, World Scientific Publishing, ISBN 978-981-4489-83-6 (2014)

2. [**Invited Book Chapter**] Stevenson, S., "Metallic Oxide Clusters in Fullerene Cages" Chapter 6, pp. 185-206, In World Scientific Series on Carbon Nanoscience, Handbook of Carbon Nano Materials, Volume 1: Synthesis and Supramolecular Systems, ed. by F. D.'Souza and K.M. Kadish, World Scientific Publishing, ISBN 978-981-4327-81-7 (2011)

1. Dorn H.C., Iezzi E.B., Stevenson S., Balch A.L., Duchamp J.C., "Trimetallic Nitride Template (TNT) Endohedral Metallofullerenes," Developments in Fullerene Science, Chapter 3, 121-131 (2002)

PRESENTATIONS

171. **Invited Speaker**, Stevenson, S., "Non-HPLC Isolation of Uncommon Metallofullerenes by a New Hyphenated Approach," PACIFICHEM, Honolulu, HI, Dec. 15-20 (2015).

170. Stevenson, S., "Non-Chromatographic Isolation of Mixed-Metal Nitride Clusters in Larger Carbon Cages," 228th Electrochemistry Society Meeting, Phoenix, AZ, October 14 (2015).

169. Ghiassi, K., Wescott, J., Chen S. Y., Stevenson, S., Balch, A.L., Olmstead, M.M., "Using Higher Fullerenes to Channel Halogen-Halogen Interactions," 227th Electrochemistry Society Meeting, Chicago, IL, May 28 (2015).

168. Kime, B.L. and Stevenson, S. "Electric-Arc Synthesis of New and Uncommon Endohedral Metallofullerenes," 227th Electrochemistry Society Meeting, Chicago, IL, May 26 (2015).

167. **Invited Speaker**, Stevenson, S., "Non-Chromatographic Separation of Less Common Endohedrals," 227th Electrochemistry Society Meeting, Chicago, IL, May 25 (2015).

166. Kime, B.L. and Stevenson, S. "Electric-Arc Synthesis and Discovery of New Metallofullerenes Created at Various Pressures," 18th Annual Student Research and Creative Endeavor Symposium, IPFW, Fort Wayne, IN, March 27 (2015).

165. Kime, B.L., Byers, T.J. Stevenson, S. "Discovery of New Metal Clusters Entrapped Within Fullerene Cages," Ohio Inorganic Weekend, University of Michigan, Ann Arbor, MI, Nov. 14 (2014).

164. **Invited Speaker**, Stevenson, S., “*Creation and Isolation of New Molecules*,” Outstanding Research Award Lecture, IPFW, Fort Wayne, IN, November 7 (2014)
163. **Invited Speaker**, Stevenson, S., “*Separation Science for New Molecules*,” Chemistry Department Seminar Series, IPFW, Fort Wayne, IN, October 17 (2014)
162. Stevenson, S. “*Manipulating Reactivity Differences for Isolating New Endohedral Metallofullerenes*,” Electrochemical Society Meeting, Cancun, Mexico, Oct 8 (2014).
161. **Invited Speaker**, Stevenson, S. “*Discovering New Molecules*,” Northeastern Indiana Local Section of the American Chemical Society Annual Banquet, IPFW, Fort Wayne, IN, May 22 (2014).
160. **Invited Speaker**, Stevenson, S. “*Manipulating Reactivity Differences for Isolating New Endohedral Metallofullerenes*,” Electrochemical Society Meeting, Orlando, FL, May 14 (2014).
159. Muska Fahim, Khristina Rottinger, Jessica Field, and Stevenson, S. “*Purification of Erbium Metallofullerenes in Large-Cages using Lewis Acids*,” 17th Annual Student Research and Creative Endeavor Symposium, IPFW, Fort Wayne, IN March 28 (2014)
158. Khristina A. Rottinger, Muska Fahim, Kristine Arvola, and Stevenson, S. “*Isolation of Various Endohedral Metallofullerenes with a More Efficient Lewis Acid*,” 17th Annual Student Research and Creative Endeavor Symposium, IPFW, Fort Wayne, IN March 28 (2014)
157. Kristine Arvola, Khristina Rottinger, and Stevenson, S. “*Selective Precipitation of Gadolinium Metallofullerenes with Lewis Acids*,” 17th Annual Student Research and Creative Endeavor Symposium, IPFW, Fort Wayne, IN March 28 (2014)
156. Field J.S., Rottinger, K.A., Fahim, M., and Stevenson S., “*Strategies for Isolating Erbium Nitride Clusters in Oversized Fullerene Cages*,” 19th Annual Indiana University Undergraduate Research Conference (IUURC), Bloomington, IN, November 22 (2013)
155. Fahim, M., Rottinger, K.A., and Stevenson S., “*Purification of $Sc_4O_2@C_{80}$ Via $CuCl_2$ as a Selective Precipitating Agent*,” 19th Annual Indiana University Undergraduate Research Conference (IUURC), Bloomington, IN, November 22 (2013)
154. Rottinger, K.A., Fahim, M., and Stevenson S., “*Detecting and Separating New Gadolinium Endohedral Metallofullerenes*,” 19th Annual Indiana University Undergraduate Research Conference (IUURC), Bloomington, IN, November 22 (2013)
153. **Invited Speaker**, Stevenson, S. “*Synthesis and Separation Strategies for Isolating New Molecules Containing Gadolinium*,” Frontier Industrial Forum, Qingdao, China, October 25 (2013)
152. Field, J.S., Rottinger, K.A., and Stevenson, S., “*Separation of Erbium Metallofullerenes Using Reactive Silica and Lewis Acids*,” Midwestern Symposium on Undergraduate Research in Chemistry, Michigan State, East Lansing, MI, October 5 (2013)
151. Rottinger, K.A., Fahim, M., and Stevenson, S., “*New Method for Isolating Gadolinium Endohedral Metallofullerenes*,” Midwestern Symposium on Undergraduate Research in Chemistry, Michigan State, East Lansing, MI, October 5 (2013)
150. Fahim, M., Rottinger, K.A. and Stevenson, S., “*New Approach for Isolating Endohedral Metallofullerenes Containing Scandium Oxide Clusters*,” Midwestern Symposium on Undergraduate Research in Chemistry, Michigan State, East Lansing, MI, October 5 (2013)
149. **Invited Speaker**, Stevenson, S. “*Separation Strategies for Endohedral Metallofullerenes*,” National

Academy of Sciences, Beijing, China, June 22 (2013)

148. **Invited Speaker**, Stevenson, S. “*Synthesis and Separation Strategies for Metallic Oxide and Metallic Nitride Endohedral Metallofullerenes*,” 1st International Symposium on Nanocarbons (ISNC2013) Hefei, China, June 17 (2013)

147. **Invited Speaker**, Stevenson, S. “*New Oxometallic Clusters Inside Fullerene Cages*,” Electrochemical Society Meeting, Toronto, CANADA, May 15 (2013)

146. Rottinger, K.A. and Stevenson, S, “*Copper Chloride as a Selective Precipitation Agent for Purifying Endohedral Metallofullerenes*,” 16th Annual Student Research and Creative Endeavor Symposium, IPFW, Fort Wayne, IN April 12 (2013)

145. Merkel, M.; Stevenson, S. “*Separation Strategies for Isolating a New Fullerene Molecule*,” IUURC18, Indiana University Undergraduate Research Conference, Indianapolis, IN, November 16 (2012)

144. Sauders, A.; Stevenson, S. “*Advancements Toward the Isolation of the $Sc_3N@D_{5h}-C_{80}$ Isomer Using a Non-Chromatographic Approach*,” IUURC18, Indiana University Undergraduate Research Conference, Indianapolis, IN, November 16 (2012)

143. **Invited Speaker**, Stevenson, S. “*Synthesis and Separation Strategies for New Fullerenes Created in Oxidizing Atmospheres*,” Electrochemical Society Meeting, Honolulu, HI, October 10 (2012)

142. **Invited Speaker**, Stevenson, S. “*Recent Advances in Endohedral Metallofullerene Separations*,” Electrochemical Society Meeting, Seattle, WA, May 10 (2012)

141. Popov, A.A., Chen, N., Echegoyen, L., Stevenson, S., Dunsch, L., “*In Situ ESR Spectroelectrochemical Study of $Sc_4O_2@C_{80}$: Endohedral Redox System*,” Electrochemical Society Meeting, Seattle, WA, May 7 (2012)

140. Merkel, M., Nott, A., Byers, T., Rose, C., and Stevenson, S., “*Probing Reactivity Differences of an Unknown Fullerene with Lewis Acids*,” Student Research and Creative Endeavor Symposium, April 14 (2012)

139. Sauders, A. and Stevenson, S. “*Release and Recovery of Trapped Fullerenes through the Use of Organic Acids*,” Student Research and Creative Endeavor Symposium, April 14 (2012)

138. **Invited Speaker**, Stevenson, S. “*Fullerene Fun and Undergraduate Research at IPFW*,” Symposium on Excellence in Nurturing Undergraduate Research, North Dakota State University, Fargo, ND, April 14 (2012)

137. **Invited Speaker**, Stevenson, S. “*New Molecule Research at IPFW*,” Chem Club-IPFW, Fort Wayne, IN, January 18 (2012)

136. **Invited Speaker**, Stevenson, S., “*The Discovery of New Molecules at Plasma Temperatures*,” 1st Monday Series, IPFW, Fort Wayne, IN, Dec. 5 (2011)

135. Beer, A, Sauders, A and Stevenson, S., “*Separation Strategies for Isolating the D_{5h} Isomer of $Sc_3N@C_{80}$* ,” 17th Annual Indiana University Undergraduate Research Conference at IU Kokomo, Kokomo, IN, November 18 (2011)

134. Sauders, A and Stevenson, S., “*Reversibility of Immobilized Fullerenes from Amino Silica using Wet Chemistry*,” 17th Annual Indiana University Undergraduate Research Conference at IU Kokomo, Kokomo, IN, November 18 (2011)

133. **Invited Speaker**, Stevenson, S. “*Fun with Fullerenes*,” Fall Chemistry Seminar Series, IPFW

Chemistry Department, Fort Wayne, IN, October 28 (2011)

132. **Invited Speaker**, Stevenson, S. “*Metallic Oxide Clusters and Research Opportunities*,” University of El Paso, El Paso, TX, August 27 (2011)

131. **Invited Speaker**, Stevenson, S. and Mackey, M., “*Metallic Oxide Clusters Entrapped Within Fullerene Cages*,” American Chemical Society, Anaheim, CA, March 29 (2011)

130. Ahmed, H.M.; Stevenson, S.; Hassan, M.K.; Mauritz, K.A. and Phillips, J.P., “*Physical and Dielectric Properties of Fullerene-Containing Polyurethane*,” American Chemical Society, Anaheim, CA, March 29 (2011)

129. Mackey, M. and Stevenson, S., “*Exploration in Oxometallic Fullerenes*,” Mississippi Academy of Sciences, Hattiesburg, MS, February 18 (2011)

128. **Invited Speaker**, Stevenson, S., “*Undergraduate Research Leads to the Discovery, Synthesis, Separation, and Characterization of New Molecules*,” Indiana University-Purdue University Fort Wayne, Fort Wayne, IN, February 11 (2011)

127. **Invited Speaker**, Stevenson, S., “*Trapping New Clusters Inside Fullerene Cages Creates A Novel Class of Nanomaterials*,” Jackson State University, Jackson, MS, October 1 (2010)

126. Easterling, M.; Stevenson, S.; Thompson, C.; “*LD-FTICR for Exact Molecular Determination of Endohedral Metallofullerenes*,” American Society for Mass Spectrometry, Salt Lake City, UT, May 23-27 (2010)

125. Mercado, B.Q.; Beavers, C.; Yang, H.; Wang, Z.; Jiang, A.; Liu, Z.; Jin, H; Easterling, M.; Stevenson, S.; Mackey, M.A.; Coumbe, C.; Phillips, J.; Phillips, J.P.; Olmstead, M.; Poblet, J.; Balch, A., “*Structural Determination and Computational Analysis of Nanocapsules and Endohedral Metallofullerenes*,” Electrochemical Society Meeting, Vancouver, CA, April 25-30 (2010)

124. Shustova, N.; Kareev, I.; Popov, A.; Mackey, M.; Coumbe, C.; Bubnov, V.; Sebedkin, S.; Chen, Y.; Phillips, J.P.; Stevenson, S.; Strauss, S.; Boltalina, O., “*Perfluoroalkylated Endometallofullerenes*,” Electrochemical Society Meeting, Vancouver, CA, April 25-30 (2010)

123. Mackey, M.A.; Phillips, J.P.; Stevenson, S., “*Functionalization of Endohedral Fullerenes*,” Electrochemical Society Meeting, Vancouver, CA, April 25-30 (2010)

122. Popov, A.; Shustova, N.; Mackey, M.A.; Coumbe, C.; Phillips, J.P.; Stevenson, S.; Strauss, S.; Boltalina, O.; Dunsch, L., “*Vis-NIR and ESR Spectroelectrochemical Study of Sc₃N@C₈₀(CF₃)₂*,” Electrochemical Society Meeting, Vancouver, CA, April 25-30 (2010)

121. Chen, K.; Mercado, B.Q.; Beavers, C.; Rodriguez, J.; Maslenikova, J.; Rose, C.; Stevenson, S.; Olmstead, M.; Balch, A.L., “*Separation and Characterization of Mixed-Metal Endohedral Fullerenes*,” Electrochemical Society Meeting, Vancouver, CA, April 25-30 (2010)

120. Boltalina, O.V.; Shustova, N.B.; Kuvychko, I.V.; Strauss, S.H.; Popov, A.A.; Chen, Y.S.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Stevenson S., “*Effect of Metal Cluster on Perfluoroalkylation of Metallic Nitride Fullerenes*,” American Chemical Society, San Francisco, CA, March 21-26 (2010)

119. Mackey, N.M.; Confait, B.S.; Stevenson, S.; Wynne, J.H.; Phillips, J.P., “*Synthesis and Characterization of Novel Thiol-Ene Hydrolyzing Films Containing Ene- Functionalized Isocyanate*,” American Chemical Society, San Francisco, CA, March 21-26 (2010)

118. Stevenson, S.; Watson, K.; Buckley, J.; Phillips, J.P.; Wynne, J.H., “*Degradation and Decontamination of Chemical Warfare Agent Simulants using Organic and Inorganic Materials*,”

Chemical and Biological Defense Science and Technology (CBD S&T), Dallas, TX, Nov. 16-20 (2009)

117. Shustova, N.; Kareev, I.; Kuvychko, I.; Popov, A.; Mackey, M.; Coumbe, C.; Bubnov, V.; Lebedkin, S.; Chen, Y-S.; Phillips, J.P.; Stevenson, S.; Strauss, S.; Boltalina, O., "*Trifluoromethylated Metallic Nitride Endometallofullerenes*," 19th International Symposium on Fluorine Chemistry, Jackson Hole, WY Aug. 23-28 (2009)

116. Shustova, N.; Kareev, I.; Kuvychko, I.; Popov, A.; Mackey, M.; Coumbe, C.; Bubnov, V.; Lebedkin, S.; Chen, Y-S.; Phillips, J.P.; Stevenson, S.; Strauss, S.; Boltalina, O., "*The First X-ray Crystal Structures of Trifluoromethylated Endometallofullerenes*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

115. **Invited Speaker**, Stevenson, S., "*Metallic Oxide Clusters Inside Fullerene Cages*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

114. Shustova, N.B.; Chen, Y.-S.; Popov, A.A.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Stevenson, S.A.; Strauss, S.H.; Boltalina, O.V. Stevenson, S., "*The First X-ray Crystal Structures of Trifluoromethylated Endometallofullerenes*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

113. Rose, C.; Phillips, J.P.; Stevenson, S., "*Solvent-Mediated, Selective Fullerene Uptake in SAFA Separations*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

112. Coumbe, C.; Phillips, J.P.; Stevenson, S., "*Role of the CAPTEAR Method for Selectively Synthesizing Metallic Oxide Fullerenes (MOFs)*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

111. Mackey, M.; Phillips, J.P.; Stevenson, S., "*Selective Precipitation of Metallic Nitride Fullerenes from Soot Extract Solutions*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

110. Strauss, S.H.; Shustova, N.B.; Chen, Y.-S.; Mackey, M.A.; Coumbe, C.E.; Phillips, J.P.; Stevenson, S.; Popov, A.A.; Boltalina, O.V., "*Stable Fullerene Derivatives Can and Do Have Substituents on Triple-Hexagon Junctions*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

109. Popov, A.; Shustova, N.; Mackey, M.; Coumbe, C.; Phillips, J.P.; Stevenson, S.; Strauss, S.; Boltalina, O.; Dunsch, L., "*Molecular Structure and Electrochemical Properties of $Sc_3N@C_{80}(CF_3)_n$ Derivatives ($n = 2, 4, 6, 8, 10, 12, 14$)*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

108. Mercado, B.; Beavers, C.; Rodriguez, J.; Maslenikova, J.; Rose, C.; Stevenson, S.; Olmstead, M.; Balch, A., "*Navigating the Difficulties of Crystal Structure Determination of Endohedral Metallofullerenes*," Electrochemical Society Meeting, San Francisco, CA, May 24-29 (2009)

107. Phillips, J.P.; Hoyle, C.E.; Confait, B.S.; McCluskey, D.M.; Ahmed, H.; Stevenson, S., "*Synthesis, Characterization, and Applications of Metallic Nitride Fullerene Polymer Nanocomposites*" American Chemical Society, Salt Lake City, UT, March 22-26 (2009)

106. McCluskey, D.M.; Smith, T.N.; Madasu, P.K.; Stevenson, S.; Phillips, J.P., "*Singlet Oxygen Generation and Adhesive Loss in Rubber-Based Adhesives Using Metallic Nitride Fullerene Sensitizers*," International Conference on Stimuli-Responsive Materials, Hattiesburg, MS, (2008)

105. Madasu, P.K.; Vann, Z.E.; Heaps, D.T.; Hoyle, C.E.; Stevenson, S.; Phillips, J.P., "*Investigating the Polymer Wrapping Technique Through Theoretical Calculations of Specific Polymer-Nanotube Stabilization Energies*," International Conference on Stimuli-Responsive Materials, Hattiesburg, MS, (2008)

104. Shustova, N.B.; Popov, A.; Mackey, M.A.; Coumbe, C.; Phillips, J.; Stevenson, S.; Strauss, S.H., and Boltalina, O., "Trifluoromethylation of Metallic Nitride Fullerene $Sc_3N@C_{80}$: Further Exploration of Multiple Radical Additions," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
103. Madasu, P.K.; Vann, Z.; Stevenson, S., and Phillips, J., "Fundamentals of the Polymer-Wrapping Technique for Single Walled Carbon Nanotubes," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
102. **Invited Speaker**, Stevenson, S., "Selective Arc-Synthesis of Metallic Nitride Fullerenes: Introducing CAPTEAR [Chemically Adjusting Plasma Temperature, Energy, and Reactivity]," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
101. Coumbe, C.; Thompson, M.; Coumbe, H.; Phillips, J., and Stevenson, S., "Effect of Plasma Additives on the Yield of Metallic Nitride Fullerenes," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
100. Villarreal, J.; Phillips, J., and Stevenson, S., "Electric-Arc Synthesis of Mixed-Metal Metallic Nitride Fullerenes using the CAPTEAR Method," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
99. Allcock, J.; Phillips, J., and Stevenson, S., "Stability of Metallic Nitride Fullerenes in Electric-Arc Generated Soot," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
98. Maslenikova, J.; Phillips, J., and Stevenson, S., "SAFA Separations of Mixed-Metal Rare-Earth Metallic Nitride Fullerenes," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
97. Robson, A.; Phillips, J., and Stevenson, S., "Investigation of Solvent Type on SAFA Purification Times for Metallic Nitride Fullerenes," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
96. Rose, C.; Heaps, D.; Viner, V.; Phillips, J., and Stevenson, S., "Effect of Adsorbed Water on SAFA Purification Times for Metallic Nitride Fullerenes," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
95. McCluskey, D.; Smith, T.; Stevenson, S., and Phillips, J., "Singlet Oxygen Generation and Adhesive Loss in Rubber-based Adhesives using Metallic Nitride Fullerene Sensitizers," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
94. Mackey, M.A.; Pratt, A.; Stevenson, S., and Phillips, J. "Susceptibility of Metallic Nitride Fullerenes Toward O_2 Oxidation," Electrochemical Society Conference, Phoenix, AZ, May 18-22, (2008).
93. Coumbe C.; Thompson M. C.; Coumbe, H.L.; Phillips, J.P. and Stevenson, S., "Effect of Copper Nitrate on the Plasma Synthesis of Metallic Nitride Fullerene Nanomaterials," Graduate Research Symposium, University of Southern Mississippi, Hattiesburg, MS April 11 (2008).
92. Stevenson, S.; Coumbe, C.E., and Phillips, J.P., "Selective Synthesis of Metallic Nitride Fullerene Nanomaterials," ACS National Meeting, New Orleans, LA, April 9 (2008).
91. Phillips, J.P.; Deng, X.; Todd, M.L., and Stevenson S., "Effect of Singlet Oxygen Generators on Adhesive Bulk-Tack Loss in Rubber-Based Pressure Sensitive Adhesives," ACS National Meeting, New Orleans, LA, April 6 (2008)
90. **Invited Speaker**, "Undergraduate Research at The University of Southern Mississippi," Copiah-Lincoln Community College, Wesson MS, March 5 (2008)

89. **Invited Speaker**, “*Metallic Nitride Fullerene Nanomaterials – Reactor R&D and Separation Advances*,” Virginia Tech, Blacksburg, VA, Dec. 17 (2007)
88. **Invited Speaker**, Stevenson, S.; “*Metallic Nitride Fullerene Nanomaterials – Reactor R&D and Separation Advances*,” Naval Research Lab, Washington D.C., July 7 (2007)
87. Madasu, P.; Heaps, D.; Hoyle, C.; Stevenson, S. and Phillips, J.P., “*Experimental Design and Development of Carbon Nanomaterials with the Assistance of Molecular Modeling*,” International Symposium on Stimuli-Responsive Materials, Hattiesburg, MS, October 30-31 (2007)
86. McCluskey, D.M.; Smith, N.; Heaps, D.; Wynne J.; Stevenson, S. and Phillips, J.P., “*Characterization of Novel Stimuli-Responsive Adhesive Systems*,” International Symposium on Stimuli-Responsive Materials, Hattiesburg, MS, October 30-31 (2007)
85. **Invited Speaker**, Stevenson, S., “*Nanomaterials*,” Poplarville High School, Poplarville, MS, October 26, (2007).
84. Phillips, J.P.; Stevenson, S. and Madasu, P., “*Preliminary Modeling Studies of Metallic Nitride Fullerenes and Other Interesting Composite Nanomaterial Structures*,” MCSR Research Symposium, Sept. 6-7, 2007, University of Mississippi, Oxford, MS. (2007)
83. Madasu, P.; Phillips, J.P.; Stevenson, S., “*Experimental Design and Development of Carbon Nanomaterials with the Assistance of Molecular Modeling*,” MCSR Research Symposium, Sept. 6-7, 2007, University of Mississippi, Oxford, MS. (2007)
82. Shustova, N.B.; Kuvychko, I.V.; Popov, A.A.; Strauss, S.H.; Boltalina, O.V.; Stevenson, S.; Phillips, J.P.; Mackey, M.A.; Coumbe, C.E., “*New Adventures in Exohedral Derivatization of Fullerenes and Metallofullerenes*,” IWFAC, Saint Petersburg, Russia July 2-6 (2007)
81. Shustova, N.; Kuvychko, I.; Strauss, S.; Boltalina, O.; Stevenson, S.; Phillips, J., Mackey, M.; Coumbe, C., and Popov, A., “*Trifluoromethylated TNT Endometallofullerenes: First Synthesis and Characterization*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
80. Stephen, R.R.; Madasu, P.K.; Deng, X.; Mackey, M.; Stevenson, S., and Phillips, J.P., “*Progress Toward Higher-Order Adduct Formation in Functionalized Metallic Nitride Fullerenes*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
79. Madasu, P.K.; Stevenson, S., and Phillips, J.P., “*Preliminary Theoretical and Experimental Investigations of Metallic Nitride Fullerenes*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
78. Heaps, D.; Madasu, P.; Coumbe, C.; Hoyle, C.; Stevenson, S., and Phillips, J.P., “*Nano-Structured Composite Films Containing Modified Magnetic and Conductive Particles*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
77. Deng, X.; Madasu, P.; Mackey, M.; Stevenson, S., and Phillips, J.P., “*Reactivity Differences Among Metallic Nitride Fullerenes in [4+2] Cycloadditions with o-Quinodimethane*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
76. Phillips, J.P.; Deng, X.; Todd, M., and Stevenson, S., “*Light-Responsive Polymer-Fullerene Adhesives*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
75. Thompson, C.; Coumbe, H.L.; Mackey, M.; Coumbe, C.; Phillips, J.P., and Stevenson, S., “*Reactor R&D of Metallic Nitride Fullerenes*,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).
74. Coumbe, H.L.; Stevenson, S.; Thompson, C.; Mackey, M.; Coumbe, C., and Phillips, J.P., “*Production*

Yields for Metallic Nitride Fullerenes,” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).

73. Mackey, M.; Carpenter, K.; Phillips, J.P., and Stevenson, S. “*Preparation of Stationary Phases for Metallic Nitride Fullerene Separations,*” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).

72. Coumbe, C.; Stevenson, S.; Coumbe, H.L.; Thompson, C.; Mackey, M., and Phillips, J.P., “*Purification of Rare-Earth Metallic Nitride Fullerenes Using the “Stir and Filter Approach” (SAFA),*” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).

71. **Invited Speaker**, Stevenson, S. and Phillips, J.P., “*Separation Advances for Metallic Nitride Fullerenes,*” Electrochemical Society Conference, Chicago, IL, May 6-10, (2007).

70. Fortenberry, E.; Heaps, D.; Stevenson, S., and Phillips, P., “*Advances Toward Biologically Active Core-Shell Ferrofluids,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

69. Heaps, D.; Fortenberry, E.; Coumbe, C.; Stevenson, S., and Phillips, P., “*Synthesis and Characterization of Functional Iron Oxide Ferrofluids,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

68. Todd, M.; Deng, X., Stevenson, S., and Phillips, P., “*Peel and Tack Force Analysis of Rubber-Based Pressure Sensitive Adhesives,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

67. Deng, X.; Todd, M.; Stevenson, S., and Phillips, P., “*Mechanism of Light-Responsive Polymer-Fullerene Adhesives,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

66. Thompson, C.; Coumbe, C.; Mackey, M.; Phillips, P.; Coumbe, H.L., and Stevenson, S., “*Production of Rare-Earth Metallic Nitride Fullerenes,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

65. Coumbe, C.; Mackey, M.; Carpenter, K.; Phillips, P.; Heaps, D., and Stevenson, S., “*Scalability Assessment of the SAFA Technique for Isolating Metallic Nitride Fullerenes,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

64. Coumbe, H.L.; Thompson, C.; Coumbe, C.; Phillips, P.; Mackey, M., and Stevenson, S., “*Electric-Arc Plasma Synthesis of Metallic Nitride Fullerenes,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

63. Mackey, M.; Coumbe, C., and Stevenson, S., “*Separation and Isolation of New Metallic Nitride Fullerenes,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

62. Carpenter, K.; Mackey, M.; Phillips, P., and Stevenson, S., “*Evaluation of Pyrene-Based Stationary Phases for Metallic Nitride Fullerene HPLC Separations,*” Mississippi Academy of Science, Starkville, MS, February 21-23, (2007).

61. **Invited Speaker**, Stevenson, S., “*History of Metallic Nitride Fullerenes,*” Oak Grove High School, Hattiesburg, MS, December 12, (2006).

60. Deng, X., Todd, M.L., Mackey, N.M., Stevenson, S., Phillips, J.P., “*Texture Analysis of Coating Materials,*” SERMACS, Augusta, GA, November 1-4, (2006).

59. Madasu, P., Phillips, J.P., Stevenson, S., Hoyle, C.E., “*Aligned Nanotube-Containing Conductive Coatings Using Magnetic Carriers,*” First Annual International Symposium on Stimuli-Responsive Materials, Hattiesburg, MS, October 31, (2006).

58. Deng, X., Todd, M.L., Stephen, R., Fortenberry, E., Stevenson, S., Phillips, J.P., *"Polymer-Fullerene Bioadhesives,"* First Annual International Symposium on Stimuli-Responsive Materials, Hattiesburg, MS, October 31, (2006).
57. Carpenter, K.G., Mackey, M.A., Stevenson, S., *"Synthesis and Characterization of a HPLC Stationary Phase for Metallic Nitride Fullerene Separations,"* Mississippi Section of the American Chemical Society Regional Meeting, Hattiesburg, MS, October 10, (2006).
56. Deng, X., Todd, M.L., Stephen, R., Fortenberry, E., Stevenson, S.S., and Phillips, J.P., *"Polymer Fullerene Bioadhesive,"* Mississippi Section of the American Chemical Society Regional Meeting, Hattiesburg, MS, October 10, (2006).
55. **Invited Speaker**, Stevenson, S., *"Separation of Metallic Nitride Fullerenes,"* Mississippi University for Women, Columbus, MS, October 4, (2006).
54. **Invited Speaker**, Stevenson, S., *"Metallic Nitride Fullerenes,"* University of Alabama, Tuscaloosa, AL, August 4, (2006).
53. Carpenter, K., Mackey, M., Stevenson, S., *"Synthesis and Characterization of a HPLC Stationary Phase for Metallic Nitride Fullerene Separations,"* INPSIRES Conference, Hattiesburg, MS, September 23, (2006).
52. Stevenson, S., Coumbe, C., Yu, H., Stephen, R., Heaps, D., Carpenter, K., and Phillips, P., *"Isolation of Metallic Nitride Fullerenes Using Amino Silica,"* American Chemical Society National Meeting, San Francisco, CA, September 11, (2006).
51. Stevenson, S., Coumbe, C., Yu, H., Stephen, R., Heaps, D., Carpenter, K., and Phillips, P., *"Isolation of Metallic Nitride Fullerenes Using Amino Silica,"* Letters Day Conference, Hattiesburg, MS, September 8, (2006).
50. **Invited Speaker**, Stevenson, S., *"Synthesis, Separation, and Characterization of Metallic Nitride Fullerenes,"* Ohio State University, Columbus, OH, June 2, (2006).
49. **Invited Speaker**, Yu, H., Carpenter K., Phillips J.P., Stevenson S., *"An Alternative Approach for Separating Metallic Nitride Fullerenes (MNFs) from Nanomaterial Mixtures,"* 209th ECS Meeting, Denver, CO, May 7-12, (2006).
48. Stephen, R.R., Fortenberry, E.L., Heaps, D.T., Stevenson, S., Long, T.E., Phillips, J.P., *"Reduction of Adhesive Properties in Mixtures of Triblock Copolymers and Tackifiers,"* 231nd ACS National Meeting, Atlanta, GA, March 26-30, (2006).
47. Gorny, K. R.; Pennington, C. H.; Martindale, J. A.; Phillips, J. P.; Stevenson, S.; Heinmaa, I.; Stern, R *"Molecular Orientational Dynamics of the Endohedral Fullerene Sc₃N@C₈₀ as Probed by ¹³C and ⁴⁵Sc NMR,"* American Physical Society Meeting, Baltimore, MD, March 13, (2006).
46. Yu, H., Carpenter, K., Phillips, J.P., Stevenson, S., *"Separation of Metallic Nitride Fullerene (MNF) Nanomaterial Mixtures via Selective Organic Functionalization,"* Mississippi Academy of Sciences, Vicksburg, MS, February, 22-24, (2006).
45. Carpenter, K., Stephen, R.R., Phillips, J.P., Stevenson, S., *"HPLC of Metallic Nitride Fullerene (MNF) Cycloaddition Reaction Mixtures,"* Mississippi Academy of Sciences, Vicksburg, MS, February, 22-24, (2006).
44. Madasu, P., Fortenberry, E.L., Stephen, R.R., Phillips, J.P., Stevenson, S. *"Toward the Organic*

Synthesis of Water-Soluble Precursors for Metallic Nitride Fullerene (MNF) Pharmaceuticals,” Mississippi Academy of Sciences, Vicksburg, MS, February, 22-24, (2006).

43. **Invited Speaker**, Stevenson S., “*There’s a Cluster Trapped Inside My Buckyball,*” Eastern Michigan University, Ypsilanti, MI, January 20, (2006).

42. **Invited Speaker**, Stevenson S., Yu H., Stephen R., Lavergne S., DuPont J., Dyess C., and Phillips P., “*Generation of o-Quinodimethane Intermediates and their Reactivity with Metallic Nitride Fullerene (MNF) Trimetaspere Nanomaterials: Synthesis and Isolation of [4+2] Cycloaddition Reaction Products,*” Electrochemical Society, Quebec City, Canada, May 15-20 (2005).

41. Stevenson S., Yu H., Stephen R., Lavergne S., Dean I., DuPont J., and Dyess C., “*Isolation and Functionalization of Metallic Nitride Fullerene Nanomaterials using o-Quinodimethane Diene Intermediates,*” American Chemical Society – National Meeting, San Diego, CA, March 13-17 (2005).

40. Stevenson S., Yu H., Stephen R., Lavergne S., Dean I., DuPont J., and Dyess C., “*Organic Synthesis and Chromatographic Separation of [4+2]Cycloaddition Reactions Products from Metallic Nitride Fullerene (MNF) Nanomaterials,*” Mississippi Academy of Sciences, Oxford, MS, Vol. 50, No. 1, p. 59 (2005).

39. **Invited Speaker**, Stevenson S., “*Metallic Nitride Nanomaterials,*” Mississippi University for Women, November 10 (2004).

38. **Invited Speaker**, Stevenson S., “*Exploring the Wonders of Metallic Nitride Fullerene Nanomaterials,*” Alcorn State University, November 4 (2004).

37. Stevenson S., Dyess C., and Dupont J., “*Organic Synthesis of Metallic Nitride Fullerene Derivatives,*” INSPIRE Conference – Spotlight on Excellence in Undergraduate Research, October 16-17 (2004).

36. Stevenson S., Dupont J., and Dyess C., “*Nanomaterials and HPLC,*” INSPIRE Conference – Spotlight on Excellence in Undergraduate Research, October 16-17 (2004).

35. **Invited Speaker**, Stevenson S., “*Metallic Nitride NanoClusters Inside Fullerene Cages - Synthesis, Characterization, and Applications,*” University of Southern Mississippi, February 27 (2004).

34. **Invited Speaker**, Stevenson S., “*Metallic Nitride NanoClusters Inside Fullerene Cages - Synthesis, Characterization, and Applications,*” Western Illinois, February 25 (2004).

33. **Invited Speaker**, Stevenson S., “*Metallic Nitride NanoClusters Inside Fullerene Cages - Synthesis, Characterization, and Applications,*” Tennessee Tech, January 30, (2004).

32. **Invited Speaker**, Stevenson S., “*Metallic Nitride NanoClusters Inside Fullerene Cages - Synthesis, Characterization, and Applications,*” University of Nevada, Reno, December (2003).

31. **Invited Speaker**, Stevenson, S., “*Metallic Nitride NanoClusters in Carbon Cages – Properties and Applications,*” Clemson University, August (2003).

30. Balch, A., Olmstead, M., Dorn, H., Lee, H.M., Stevenson, S., “*Crystallographic Studies of Fullerene Supramolecular Structures,*” 203rd Meeting, Electrochemical Society, Paris, France Apr. 27-May 2 (2003).

29. Ioffe, I.N., Boltalina, O.V., Ievlev, A.S., Sidorov, L.N., Bolskar, R.D., Stevenson, S., Dorn, H.C., “*Ionization Properties of Endohedral Fullerenes: Experimental and Computational Approaches,*” 201st Meeting, Electrochemical Society - Philadelphia, PA, May 12-17 (2002).

28. Balch, A., Olmstead, M., Lee, H.M., Stevenson, S., Dorn, H., “*Crystallographic Investigations of*

Endohedral Structures,” 201st Meeting, Electrochemical Society, Philadelphia, PA, May 12-17 (2002).

27. **Invited Speaker**, Stevenson, S. (Luna Innovations), “*The Development of Fullerene Materials*,” to Nanomaterials Symposium (Small Businesses Move to Nanotechnology), National Science Foundation, Arlington VA, March 20-21 (2002).

26. Balch, A., Olmstead, M.M., de Bettencourt-Dias, A., Lord, P., Dorn, H.C., Stevenson, S., Miller, G., “*Crystallographic Studies of Endohedral Fullerenes, Fullerene/Porphyrin Co-crystals and Fullerene Dimers*,” Materials Research Society Symposium, April 17 (2001).

25. Olmstead M., de Bettencourt-Dias, A., Balch, A., Stevenson, S., Duchamp, J., Dorn, H., “*Structural Studies of $Sc_2ErN@C_{80}$, $Sc_3N@C_{78}$, and Related Endohedrals*,” 199th Meeting, Electrochemical Society, Washington DC, March 26 (2001).

24. Dorn, H. C., Stevenson, S., Choi, S., “*Dielectric and Magnetic Properties of Fullerene NanoSpheres Filled with Trimetallic Nitride Clusters: $A_3N@C_{80}$* ,” NanoSpace 2001 - Exploring Interdisciplinary Frontiers, The Fourth Annual International Conference on Integrated Nano/Microtechnology for Space and Biomedical Applications, March 13th (2001).

23. Stevenson, S., Kozikowski, C, Miller, M., (Luna NanoMaterials), “*Production of Purified TNT Endohedrals*,” The 1st Georgia Tech Conference on Nanoscience and Nanotechnology, by The Center for Nanoscience and Nanotechnology, Georgia Tech, Atlanta, October 16-18 (2000).

22. Balch, A., de Bettencourt Dias, A., Olmstead, M., Dorn, H., Stevenson, S., “*Crystallographic Studies of Endohedral Fullerenes: Order and Disorder in $ErSc_2N@C_{80}$* ,” 197th Meeting, Electrochemical Society, Toronto, Ontario, Canada, May 14-18 (2000).

21. Dorn, H.C., Rice, G., Burbank, P., Craft, J., Sun, Z., Glass, T., Harich, K., Cromer, F., Jordan, M.R., Hadju, E., Bible, R., Anderson, M., Stevenson, S., “ *$Sc_xEr_{3-x}N@C_{80}$: A New Family of Trimetallic Nitride Clusters Encapsulated in Icosahedron Cages*,” ACS National Meeting, New Orleans, LA, August (1999).

20. Dorn, H.C., Stevenson, S., Burbank, P., Harich, K., Sun, Z., Glass, T., Anderson, M., Bethune, D.S., Sherwood, M., *Isolation and Structure of $Sc_2@C_{74}$ and $Sc_2@C_{76}$* ,” Electrochemical Society (1998).

19. Heflin, J.R., Marciu, D., Figura, C., Wang, S., Burbank, P., Stevenson, S., Dorn, H.C., “*Enhanced Degenerate Four-Wave Mixing in an Endohedral Metallofullerene through Metal-to-Cage Transfer, “Organic Thin Films for Photonic Applications*,” Optical Society of America Annual Meeting, Long Beach, CA, October (1997).

18. Dorn, H.C., Stevenson, S., Burbank, P., Harich, K., Sherwood, M., Bethune, D.S., “*Isolation and Structure of $Sc_2@C_{74}$* ,” Southeast Regional ACS Meeting, Roanoke, VA, October (1997).

17. Heflin, J.R., Marciu, D., Figura, C., Wang, S., Burbank, P., Stevenson, S., Dorn, H.C., “*Enhanced Nonlinear Optical Response of an Endohedral Metallofullerene through Metal-to-Cage Charge Transfer*,” Quantum Electronics and Laser Science '97, Baltimore, MD, May (1997).

16. **Invited Speaker**, Stevenson, S., “*Production, Separation, and Isolation of Metal Encapsulated Fullerenes*,” American Chemical Society of East Texas Regional Meeting, Stephen F. Austin State University, September (1996).

15. **Invited Speaker**, Stevenson, S, “*Isolation, Purification, and Structure of Buckminsterfullerenes*,” Fall Seminar Series, Stephen F. Austin State University, September (1996).

14. Heflin, J.R., Marciu, D., Figura, C., Wang, S., Burbank, P., Stevenson, S., Dorn, H.C., Withers, J.C., “*Degenerate Four-Wave Mixing in Endohedral Metallofullerenes and Optical Limiting of C_{60} Derivatives and Higher Fullerenes*,” Fullerenes and Photonics III Conference at SPIE International Symposium on

Optical Science, Engineering, and Instrumentation, Denver, CO, August (1996).

13. Dorn, H.C., Burbank, P., Glass, T., Sun, Z., Harich, K., Heflin, J.R., Stevenson, S., deVries, M.S., van Loosdrecht, P.H.M., Bethune, D.S., "Isolation and Characterization of New Endohedral Metallofullerenes," Fullerenes '96, The Second International Interdisciplinary Colloquium on the Science and Technology of the Fullerenes, Oxford, UK, July (1996).

12. Bethune, D.S., deVries, M.S., Macfarlane, R., Wittman, G., (IBM Almaden), Grannan, S., Birmingham, J., Richards, P., (UC Berkeley), Stevenson, S., Glass, T., Burbank, P., Sun, Z., Dorn, H.C., (Virginia Tech), "Spectroscopic Characterization of Metallofullerenes," APS meeting, March (1996).

11. Bethune, D.S., deVries, M.S., van Loosdrecht, P.H.M., Macfarlane, R., Wittman, G., Stevenson, S., Glass, T., Burbank, P., Sun, Z., Dorn, H.C., Grannan, S., Birmingham, J., Richards, P., "Fluorescence Emission and Far-Infrared Spectroscopy of Metallofullerenes," Western Spectroscopy Meeting, February (1996).

10. Bethune, D.S., deVries, M.S., Macfarlane, R., Wittman, G., van Loosdrecht, P.H.M., Grannan, S., Birmingham, J., Richards, P., Stevenson, S., Glass, T., Burbank, P., Sun, Z., Dorn, H.C., "Fluorescence, Far-IR and NMR Spectroscopy of Metallofullerenes," Electrochemical Society, Los Angeles, CA, (1996).

9. Gurdziel, M.J., Burbank, P., Stevenson, S., Bethune, D.S., Dorn, H.C., "Solubility Studies of Endohedral Metallofullerenes in Organic Solvents," ACS Regional Meeting, Memphis, TN, Nov. (1995).

8. Burbank, P., Stevenson, S., Gurdziel, M.J., Harich, K., Bethune, D.S., deVries, M.S., Dorn, H.C., "Isolation and Characterization of $Tm_m@C_{2n}$ Endohedral Metallofullerenes," ACS Regional Meeting, Memphis, TN, Nov. (1995).

7. Stevenson, S., Burbank, P., Harich, K., Dorn, H.C., deVries, M.S., Bethune, D.S., "On-Line Chromatographic Separation with EPR Detection of Endohedral Metallofullerenes," ACS Regional Meeting, Memphis, TN, Nov. (1995).

6. Stevenson, S., Burbank, P., Harich, K., Sun, Z., Dorn, H.C., deVries, M.S., van Loosdrecht, P.H.M., Bethune, D.S., "Isolation and Characterization of the Endohedral Metallofullerene, $La_2@C_{72}$," ACS Regional Meeting, Memphis, TN, Nov. (1995).

5. Bethune, D.S., van Loosdrecht, P.H.M., Kiang, C.H., Beyers, R., Salem, J.R., deVries, M.S., Johnson, R.D., Burbank, P., Glass, T., Stevenson, S., Sun, Z., Dorn, H.C., "Production and Characterization of Di-Lanthanum and Erbium Endohedral Fullerenes," Materials Research Society, Fall (1994).

4. Stevenson, S., "HPLC-EPR and Isolation of Metallofullerenes," Ph.D. Seminar, Virginia Tech, Blacksburg, VA, Oct. (1994).

3. Burbank, P., Stevenson, S., Dorn H.C., "An Automated HPLC System for Preparative Separations of Encapsulated Endohedral Metallofullerenes," ACS Meeting-in-Miniature, East Carolina University, Greenville, NC, Nov. (1993).

2. Stevenson, S., Burbank, P., Dorn, H.C., "On-Line Chromatographic EPR Detection (HPLC-EPR) of the Endohedral Metallofullerenes, $Y@C_{82}$ and $Sc_3@C_{82}$," ACS Meeting-in Miniature, East Carolina University, Greenville, NC, Nov. (1993).

1. Stevenson, S., "HPLC- ^{13}C DNP (NMR)," M.S. Seminar, Virginia Tech, Blacksburg, VA, Oct. (1992).