

Curriculum Vitae

Edwin H. Walker, Jr., Ph.D.

Chemistry Department
Southern University and A & M College
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Education:

Tulane University, New Orleans, LA.
Doctorate of Philosophy in Chemistry, August 28, 1998

Southern University, Baton Rouge, LA
Bachelor of Science in Chemistry May 14, 1993.

Chemistry Experience:

Chairperson, Department of Chemistry, Southern University and A & M College, Baton Rouge, LA (August 2011- Present).

BASF Endowed Professor of Chemistry, Southern University and A & M College, Baton Rouge, LA (August 2007- Present).

Professor, Southern University and A & M College, Baton Rouge, LA (August 2009 - Present).

Associate Professor, Southern University and A & M College, Baton Rouge, LA (August 2004- 2009).

Assistant Professor, Southern University and A & M College, Baton Rouge, LA (August 1999 - July 2004).

Assistant Professor, Dillard University, New Orleans, LA. (August 1998 - August 1999).

Graduate Research Assistant, Tulane University (January 1994- August 1998).

Instructor, Dillard University, New Orleans, LA (May 1997 - July 1997).

Graduate Teaching Assistant, Tulane University, New Orleans, LA (August 1993-December 1993).

Laboratory Technician, Dow Chemical Company, Plaquemine, LA. (January 1992 - December 1992).

Undergraduate Research Assistant, Minority Biomedical Research Support Program, Southern University, Baton Rouge, LA (February 1990 - August 1990)

Laboratory Technician, Chemical Supply Room, Southern University, Baton Rouge, LA. (August 1990 - December 1991).

Professional Societies:

American Chemical Society

Honors:

Named the BASF Endowed Professor of Chemistry at Southern University and A&M College (August 2007)

Featured in the article entitled: Leveraging Intellectual Capital in the 2006 Annual *Greater Baton Rouge Business Report*.

2005 **NSF-CAREER** award recipient.

Featured as a Standout Scholar in the January 2005 issue of *Black Issues in Higher Education*.

2005 Southern University Outstanding Research Investigator of the Year (April 21, 2005).

Visiting Faculty Researcher, Carderock Division of the Naval Surface Warfare Center in West Bethesda, MD ASEE Visiting Scholar Program (June 2005 - August 2005).

Visiting Faculty Researcher, Naval Air Warfare Center Weapons Division Laboratory China Lake, CA, ASEE Visiting Scholar Program (June 2003 - August 2003).

2002 Southern University Young Research Investigator of the Year (April 26, 2002).

2002 Southern University College of Sciences Young Faculty Researcher of the Year (March 21, 2002).

NSF CCLI Peer Review Panel Member (July 6-9, 2001).

Visiting Faculty Researcher, Louisiana State University, Howard Hughes Program (June 2000 - July 2000).

NASA Peer Review Panel Member (July 21, 2000).

Visiting Faculty Research Position Tulane University, LAMP Program (May 1999 - August 1999).

Student member of the Southern University Business and Industry Cluster (January 1992 - May 1993).

MUTEC Student (January 1992-December 1992).

Invited Lecture(s):

1. University of Texas at Dallas, November 6, 2002. Title of talk: The Novel Low Temperature Synthesis of Nanocrystalline MgAl_2O_4 Spinel using "Gel" Precursors
2. University of Florida, December 6, 2005. Title of talk: The Novel Synthesis of Ceramic Oxide Materials using the Michael-Addition Directed Hydrogelation of Acrylates for Materials Synthesis (MADHAMS) Method
3. Tulane University, March 24, 2008. Title of Talk: The Investigation of the Kinetic Parameters for the Optimization of the Soft-Chemical Synthesis of Ternary Metal Oxides Using the Michael-Addition Directed Hydrogenation of Acrylates for Materials Synthesis (MADHAMS)
4. Louisiana State University, February 2010. Title of Talk: The Synthesis of Electrochemically Active LiNiO_2 Cathode Powders using the Hydrogelation Soft-Chemical Alternative Method

Publications

1. Scott A. Wicker, Sr. and Edwin H. Walker, Jr., "Revisited: Decomposition or Melting? Formation Mechanism Investigation of LiCoO_2 via In Situ Time-resolved X-ray Diffraction", *Inorganic Chemistry*, 52, 4, 1772–1779, 2013.
- 2.
3. Venkata Subba Reddy Channu, Rudolf Holze, Scott Ambrose Wicker Sr., Edwin H. Walker Jr., Quinton L. Williams, Rajamohan R. Kalluru, "Synthesis and Characterization of $(\text{Ru-Sn})\text{O}_2$ Nanoparticles for Supercapacitors", *Materials Sciences and Applications*, 2, 9, 2153-1188, 2011.
4. Christopher R. Sparrow, Edwin H. Walker and Frank R. Fronczek, "2-Amino-1-(2-carboxylatoethyl)pyrimidin-1-ium monohydrate", *Acta Cryst. E*66, o3156-03157, 2010.
5. Ch. V. Subba Reddy, Edwin H. Walker, Jr, S.A. Wicker, Q. L. Williams, Rajamohan R Kalluru, "Synthesis of VO_2 (B) nanorods for lithium battery applications", *Current Applied Physics*, 9, 6, 1195-1198, 2009.

6. Ch. V. Subba Reddy, Edwin H. Walker, Jr, S.A. Wicker, Q. L. Williams, Rajamohan R Kalluru, "Characterization of MoO₃ nanorods for lithium battery using PVP as a surfactant", *Journal of Solid State Electrochemistry*, 13, 12, 1945-1949, 2009.
7. Ch. V. Subba Reddy, Edwin H. Walker, Jr., Chen Wen, and Sun-il Mho, Hydrothermal synthesis of MoO₃ nanobelts utilizing poly(ethylene glycol), *J. Power Sources*, 183, 330 – 333, 2008
8. Ch. V. Subba Reddy, S. A. Wicker, Sr., Edwin H. Walker, Jr., Quinton L. Williams, and Rajamohan R. Kalluru, "Vanadium Oxide Nanorods for Li-Ion Battery Applications", *J. Electrochem. Soc.* 155, pp. A599-A602, 2008.
9. Christopher R. Sparrow, Edwin H. Walker and Frank R. Fronczek, "3-(2-Acetylanilino)propanoic acid", *Acta Cryst.* E64, o2359, 2008.
10. Edwin H. Walker, Jr., Allen W. Apblett, Ron Walker, and Adam Zachary, "The Novel Synthesis of La_{0.8}Sr_{0.2}MnO₃ using the Michael-Addition Directed Hydrogelation of Acrylates for Materials Synthesis (MAHAMS) Method", *Chemistry of Materials* 16, 5336-5343, 2004.
11. Edwin H. Walker, Jr. and Steve H. Griffin, "Identification and Characterization of Inorganic Species found in 2.5 μ m particulate matter (PM_{2.5}). Proceedings of Environmental Division of the 225th American Chemical Society National Meeting, Vol 43 No. 1, 2003.
12. Edwin H. Walker, Jr., John Wesley Owens, Marcus Etienne, and Don Walker, "The Novel Low-Temperature Synthesis of Nanocrystalline Mg₂O₄ Spinel using "gel" Precursors. *Materials Research Bulletin* 37, 1041-1050, 2002.
13. Allen W. Apblett and Edwin H. Walker, Jr., "Immobilization of Actinides in Titanate Ceramic Wasteforms" *Ceram. Trans.* 93, 365-372, 1999.
14. Allen W. Apblett and Edwin H. Walker, Jr., "Innovative Processes for Ceramic Synthesis Using Liquid Metal Carboxylates" *Ceram. Trans.* 94, 205-213, 1999.
15. E.H. Walker, G.D. Georgieva, E.M. Holt, L.E. Reinhardt and A.W. Apblett, "Novel Processes for Synthesis of Dielectric Ceramics Using Metallo-Organic Precursors" *Ceram. Trans.* 100, 87-94, 1999.
16. Mague, J. T., Apblett, A. W., Walker, E. H. "Metal alkoxycarboxylate complexes. I. poly[aquabis(methoxyacetato)(nitrato)neodymium(III)]", *Acta Cryst.* C54, 1588, 1998.
17. A.W. Apblett, L.E. Reinhardt, and E.H. Walker "Liquid Metal Carboxylate Precursors for Yttrium Aluminum Garnet," Proceedings of Unified International Technical Conference of Refractories, Vol III, pp1525-1529, 1997.
18. Allen W. Apblett, Marc L. Breen, Larry E. Reinhardt, and Edwin H. Walker, Jr. "Precursors for Solution Growth of Alumina Ceramics "Proceedings of Unified International Technical Conference of Refractories," Vol III, pp1519-1524, 1997.

19. Allen W. Apblett, Larry E. Reinhardt, and Edwin H. Walker, Jr. "Novel Liquid Precursor for Spinel and Alumina Ceramic Coatings", Proceedings of Unified International Technical Conference of Refractories, Vol III, pp1503-1507, 1997.
20. A.W. Apblett, M.L. Breen, and E.H. Walker "The Application of Liquid Metal Carboxylates to the Preparation of Aluminum- Containing Ceramics" *Comments in Inorganic Chemistry*, 20, 83-99, 1998. (Invited contribution).
21. Edwin H. Walker, Jr., Marc L. Breen, Allen W. Apblett, "Preparation of Nickel Ferrite using Liquid Metal Carboxylates" *Chem. Mater.*, 1998; 10 1265-1269, 1998.
22. A.W. Apblett, G.D. Georgieva, L.E. Reinhardt, and E.H. Walker, "Precursors for Aqueous and Liquid-Based Processing of Ferroelectric Thin Films" in Synthesis and Characterization of Advanced Materials; Serio, M., Gruen, D.M. & Ripudaman, M., Eds., American Chemical Society: Washington, D.C., pp 95-105 (1998)
23. A.W. Apblett, A. Ahmadi, and E.H. Walker, "Incorporation of Actinides into Leach Resistant Phases Via Ion-ExchangeMaterials" in International Symposium on Environmental Issues in the Ceramic and Nuclear Industry, *Ceram. Trans.*, 72. V. Jain, D. Peeler, and W.S. Young, eds. American Ceramic Society, Westerville, OH. 1996. pp 189-195.
24. A.W. Apblett, J.C. Long, E.H. Walker, M. D. Johnston, K.J. Schmidt, and L.N. Yarwood. "Metal Organic Precursors for Yttria" Phosphorus, Sulfur, Silicon, and Related Elements. 93-94, 481-482 (1994).

Invited Presentations (s):

1. "The Novel Michael-Addition Directed Hydrogelation of Acrylates for Materials Synthesis (MADHAMS) Method Synthesis of $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ ", Gordon Research Conferences on SOLID STATE CHEMISTRY I, Colby-Sawyer College in New London, NH.(July 23 –28, 2006)
2. "The Non-isothermal Investigation of the Kinetic parameters of LiCoO_2 ", Gordon Research Conferences on SOLID STATE CHEMISTRY I, Colby-Sawyer College in New London, NH.(July 27 – August 1, 2008)

Presentations

1. "Polymeric Precursors for Yttria" American Society Spring Meeting, San Diego, CA (March 1994).
2. "Uptake of Thorium by Lemna Gibba and Sequestration in Stable Waste Forms" DOE Poster Session, New Orleans, LA. (December 1995).
3. "Layered Titanates as Sinterable Ion Exchanges for Actinides" 1995 Fall Meeting of Nuclear Science & Environmental Technologies Division of the American Ceramic Society, New Orleans, LA. (November 1995).
4. "Biological Uptake and Metabolism Studies" DOE Poster Session, New Orleans, LA (December 1995).

5. "Metallo-Organic Deposition Precursor for Calcium Phosphate" 98th Annual Meeting of the American Ceramic Society, Indianapolis, IN (April 15, 1996).
6. "Liquid Metal Carboxylate Precursors for Spinel Ceramics" 98th Annual Meeting of the American Ceramic Society, Indianapolis, IN (April 16, 1996).
7. "Incorporation of Actinides in Mineral Phase Via Ion-Exchange Materials" 98th Annual Meeting of the American Ceramic Society, Indianapolis, IN (April 15, 1996).
8. "Inorganic Exchangers for Incorporation of Actinides into Ceramic Waste Forms" 211th American Ceramic Society National Meeting, New Orleans, LA (March 24, 1996).
9. "Liquid Alkali Metal Carboxylates" 211th American Chemical Society National Meeting, New Orleans, LA (March 24, 1996).
10. "Preparation of Ceramic Materials using Liquid Metal Carboxylate Precursors" 211th American Chemical Society National Meeting, New Orleans, LA (March 24, 1996).
11. "Liquid Precursors for Lanthanide Oxides" 212th American Chemical Society National Meeting, Orlando, FL (August 27, 1996).
12. "Preparation of Aluminum Oxide Materials using Liquid Metal Carboxylates Precursors" 212th American Chemical Society National Meeting, Orlando, FL (August 27, 1996).
13. "Incorporation of Actinides into Ceramic Waste Forms Using Titanate Ion-Exchanges" 212th American Chemical Society National Meeting, Orlando, FL (August 27, 1996).
14. "Preparation of Ceramic Oxide Using Liquid Metal Carboxylate Precursors" 53rd Southwest Regional Meeting of the American Chemical Society, Tulsa, OK (October 2, 1997).
15. "Synthesis of YBCO using Liquid Metal Carboxylates" 53rd Southwest Regional Meeting of the American Chemical Society, Tulsa, OK (October 3, 1997).
16. "Preparation of Ceramic Oxide Using Liquid Metal Carboxylate Precursors" 53rd Southwest Regional Meeting of the American Chemical Society, Tulsa, OK (October 2, 1997).
17. "Synthesis of YBCO using Liquid Metal Carboxylates" 53rd Southwest Regional Meeting of the American Chemical Society, Tulsa, OK (October 3, 1997).
18. "Novel Liquid Precursors for Spinel and Alumina Ceramic Coatings" 5th Biennial Worldwide Congress, UNITECR '97, New Orleans, LA. (November 7, 1997).
19. "Liquid Metal Carboxylate Precursors for the Preparation of Zircon" 215th National Meeting of the American Chemical Society, Dallas, TX (March 31, 1998).
20. "Preparation of Liquid Metal Carboxylate Precursors for Titanate Materials" 215th National Meeting of the American Chemical Society, Dallas, TX (March 31, 1998).

21. "Preparation of Zircon using Liquid Metal Carboxylate Precursors" 31st Organosilicon Symposium, New Orleans, LA (May 29, 1998).
22. "Preparation of Perovskite materials using a Liquid Carboxylate Precursor" 54th Southwest Regional Meeting of the American Chemical Society, Baton Rouge, LA (November 1, 1998).
23. "Biosorption of Thorium by Lemna Gibba" Southern Section of the American Society of Plant Physiologists in Baton Rouge, LA. (March 1999).
24. "The Low Temperature Preparation of Spinel Using Polymer Precursors" 52nd Southeast/56th Southwest Combined Regional Meeting of American Chemical Society, New Orleans, LA. (December 7, 2000).
25. "The Low Temperature Preparation of Spinel using Low Temperature "Gel" Precursors", The Miles College HBCU-UP Winter Research Conference, Fairfield, AL. (February 9, 2001).
26. "The Synthesis and Characterization of Spinel using Low Temperature "Gel" Precursors", NOBCChE 2001 Southwest Regional Meeting, Baton Rouge, LA. (February 24, 2001).
27. "The Low Temperature Preparation of Fast Ion Oxide Conducting Materials Using Polymer Precursors", NOCCChE 2001 28th Annual National Conference, Baltimore, MD. (April 12, 2001).
28. "The Novel Low-Temperature Synthesis of Nanocrystalline MgAl₂O₄ Spinel using "Gel" Precursors", 2nd Louisiana Conference on Microfabrication and Material Science, Baton Rouge, LA. (August 20, 2001).
29. "The Low Temperature Nanocrystalline Synthesis of MgAl₂O₄ Spinel using "Gel" Precursors", NOCCChE Southwest Regional Conference, Houston, TX. (November 9, 2001).
30. "The Identification and Characterization of PM_{2.5} Inorganic Species", NOCCChE 2001 Southwest Regional Conference, Houston, TX. (November 9, 2001).
31. "The Low Temperature Nanocrystalline Synthesis of MgAl₂O₄ Spinel using "Gel" Precursors", Tuskegee University 2nd Annual Undergraduate Science & Engineering Conference, Tuskegee, AL. (November 16, 2001).
32. "The Identification and Characterization of PM_{2.5} Inorganic Species", Tuskegee University 2nd Annual Undergraduate Science & Engineering Conference, Tuskegee, AL. (November 16, 2001).
33. "The Novel Low-Temperature Synthesis of Nanocrystalline MgAl₂O₄ using "Gel" Precursors, NSF-EPSCoR Project Semi-Annual Consortium Meeting, New Orleans, LA (January 25, 2002).

34. "Preparation of the Novel low-temperature self-initiating gel precursor for MgAl_2O_4 Spinel Materials", 225th American Chemical Society National Meeting, New Orleans, LA (March 23, 2003).
35. "Identification and Characterization of Inorganic Species found in 2.5 Micron Particulate Matter, 225th American Chemical Society National Meeting, New Orleans, LA (March 24, 2003).
36. "The Novel Synthesis of $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ using the Michael-Addition Directed Hydrogelation of Acrylates for Materials Synthesis (MAHAMS) Method", 230th American Chemical Society National Meeting, Washington, D.C. (August 29, 2005)
37. "The Novel Michael-Addition Directed Hydrogelation of Acrylates for Materials Synthesis (MADHAMS) Method Synthesis of $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ ", Gordon Research Conferences on SOLID STATE CHEMISTRY I, Colby-Sawyer College in New London, NH.(July 23 –28, 2006)
38. "The Non-isothermal Investigation of the Kinetic parameters of LiCoO_2 ", Gordon Research Conferences on SOLID STATE CHEMISTRY I, Colby-Sawyer College in New London, NH.(July 27 – August 1, 2008)
39. "Hydrothermal Synthesis of Different Oxidation States of Vanadium Oxides from V_2O_5 Xerogel Using Polymers as a Reducing Agents", 64th Southwest Regional ACS Meeting, Little Rock, Arkansas (October1-4, 2008)
40. "Synthesis of Cathode Material $\text{La}_{(1-y)}\text{Sr}_y\text{Ni}_{(1-x)}\text{Cr}_x\text{O}_3$ by Metal Precursor Single Crystals Applied to a MADHAMS Method", 64th Southwest Regional ACS Meeting, Little Rock, Arkansas (October1-4, 2008)
41. "Utilizing (MADHAM) Soft Chemical Method to Synthesize LiNiO_2 Cathode Material", 64th Southwest Regional ACS Meeting, Little Rock, Arkansas (October1-4, 2008)
42. "Utilizing (MADHAM) Soft Chemical Method to Synthesize LiNiO_2 Cathode Material for Energy Storage", 64th Southwest Regional ACS Meeting, Little Rock, Arkansas (October1-4, 2008)
43. "Synthesis and Characterization of Lithium Vanadates for Electrochemical Applications", 64th Southwest Regional ACS Meeting, Little Rock, Arkansas (October1-4, 2008)
44. "Characterization of VO_2 (B) nanorods for Li battery", 214th Electrochemical Society Joint International Meeting, Honolulu, Hawaii, October 14-17, 2008
45. "Hydrothermal synthesis of MoO_3 nanorods for Lithium Battery using PVP as a surfactant", 214th Electrochemical Society Joint International Meeting, Honolulu, Hawaii, October 14-17, 2008
46. "The Synthesis of Electrochemically Active LiNiO_2 Cathode Powders using the Michael-Addition Directed Hydrogelation of Acrylates for Materials Synthesis (MADHAMS) Soft-Chemical Alternative Method", 239th ACS National Meeting, San Francisco, CA (March 21 -25, 2010)

Current and Past Research Support:

1. HBCU-RISE: Research and Infrastructure for Science and Engineering Education in Energy Materials, \$1,000,000.00, P.I.: Edwin H. Walker, Jr., 08/01/10-7/31/13
2. "MRI-R2: Acquisition of a Transmission Electron Microscope (TEM) for Research, Research Training, and Education at Southern University a Research Undergraduate Institution (RUI), \$1,000,000.00, P.I.: Edwin H. Walker, Jr., 08/01/10-7/31/13
3. POWERING THE PLANET: A Chemical Bonding Center in the Direct Conversion of Sunlight into Chemical Fuel, NSF, \$744,000.00, Co-P.I.: Edwin H. Walker, Jr., 08/01/08-07/31/13
4. The Enhancement of Scanning Electron Microscopy capabilities for Research and Teaching at Southern University, LaBOR, \$97,995.00, P.I.: Edwin H. Walker, Jr., 08/01/07- 07/31/09
5. The Enhancement of X-ray Powder Diffractometer capabilities in the Material Sciences for Research and Teaching at Southern University, LaBOR, \$80,000.00, P.I.: Edwin H. Walker, Jr., 08/01/06- 07/31/08
6. CAREER: Correlating the Microstructure with the Physical Properties of Perovskite and Related Oxides Materials, NSF, \$400,000.00, P.I. Edwin H. Walker, Jr., 08/01/05 – 07/31/10
7. The Enhancement of FT-IR Capabilities in the Chemical Sciences for Research and Teaching at Southern University, LaBOR, \$20,557.00, P.I.: Edwin H. Walker, Jr., 08/01/05- 07/31/07
8. The Enhancement of Inductively Coupled Plasma—Optical Emissions Spectrometer Capabilities in the Chemical Sciences for Research and Teaching at Southern University LaBOR, \$65,754.00, P.I.: Edwin H. Walker, Jr., 08/01/05- 07/31/07
9. Acquisition of a 400 MHz NMR at Southern University a Research Undergraduate Institution (RUI), \$575,164.00, P.I.: Edwin H. Walker, Jr., 08/01/03-7/31/06
10. The investigation of the correlation between exposure to fine particulate matter found in Baton Rouge air and adverse health effects in humans, NIH/LBRN, \$ 34,857.00, PI: Edwin H. Walker, Jr., 06/01/04 – 05/31/05.
11. Center for Nano-scale Electronic and Magnetic Materials, NSF/EPSCOR, \$ 327,000.00, Co-P.I.: Edwin H. Walker, Jr., 05/01/01 - 03/15/05
12. Novel Cathodes and Cathodic Catalyst for Solid State power Sources, ARO/DoD, \$600,000.00, Co-P.I: Edwin H. Walker, Jr., 08/30/01-08/29/04

13. Career Development Tools for Success, NSF-HBCU-UP, \$25,000.00, P.I.: Edwin H. Walker, Jr., 01/01/01-12/31/01
14. Preparation of Ion-Exchange Materials for Heavy Metal Remediation using Low Temperature “Gel” Precursors, ETC/DOE, \$19,000.00, P.I.: Edwin H. Walker, Jr., 01/01/01-12/31/01

Courses Taught:

General Chemistry Lecture 132
General Chemistry Laboratory 112
General Chemistry Lecture 133
General Chemistry Laboratory 113
Nursing Chemistry 128
Nursing Chemistry Laboratory 108
Industrial Techniques I
Industrial Techniques II
Chemical Research 422
Chemical Research 423
Inorganic Chemistry Lecture 443
Inorganic Chemistry Laboratory 440

Research Mentoring

Student Involvement in Research:

1. Shemeka Jackson, Undergraduate (Fall 1999 – Spring 2000)
2. Tiffany Irving, Undergraduate (Fall 1999 – Spring 2000)
3. Erci Dunbar, Undergraduate (Spring 2000 – Fall 2000)
4. Marcus Etienne, Undergraduate (Honors Thesis Fall 2000 – Spring 2001)
5. Sumanth Vankineni, Masters/Ph.D. (Fall 2001) Masters
6. Steve Griffin, Masters/Ph.D. (Spring 2002 – July 2003)
7. Adam Zackary, Undergraduate (Summer 2000 – May 2003)
8. Don Walker, Undergraduate (Honors Thesis Summer 2000 – May 2003)
9. Ron Walker, Undergraduate (Honors Thesis Summer 2000 – May 2003)
10. Misty Douglas, Undergraduate (Spring 2000 – Fall 2001)
11. Jonnifer Cooper, Undergraduate (Fall 2002 – May 2003)
12. Jasmine Millican, Undergraduate (Spring 2002)
13. Tess Turner, Undergraduate (Fall 2002 – Spring 2003)
14. Keithen Emery, Undergraduate (Spring 2003)
15. Shontel Stewart, Masters (Fall 2002 – Fall 2003)
16. Pamela Charles, Undergraduate (Fall 2003)
17. Jessica Miller, Undergraduate (Fall 2005 – Spring 2006)
18. Creighton Mongtogomery (Fall 2005 – Spring 2007)
19. Vince Lands, Undergraduate (Fall 2005 – Spring 2006)
20. Erin Johnson, Undergraduate (Fall 2005 – Spring 2006)
21. Marlon Lemond, Undergraduate (Fall 2005 – Spring 2006)

22. Ivanna Chriss, Undergraduate (Fall 2007 – Present)
23. Jennifer Conwell, Undergraduate (Summer 2007)
24. Shenita Jackson, Undergraduate (Summer 2007)
25. Jessica Johnson, Undergraduate (Summer 2007)
26. Alando O’Conner, Undergraduate (Summer 2008 – Present)
27. Christine Jones, Undergraduate (Summer 2008)
28. Ashley Graham, Undergraduate (Summer 2008)
29. Jeron Williams, Undergraduate (Summer 2008 – Present)
30. Jared Murph, Undergraduate (Summer 2008)
31. Margaret Jones, Undergraduate (Fall 2008)

Post Doctoral Research Associates:

1. Dr. Venkata Subba Reddy Channu (February 2008 – December 2009)
2. Dr. Weihua Wang (February 2009 – December 2011)
3. Dr. Anthony Stewart (March 2009 – August 2009)
4. Dr. Hongyi Wu (January 2010 – Present)
5. Dr. Scott A. Wicker (January 2012 – present)

Graduate Students (Pursuing the Ph.D.)

1. Scott A. Wicker (August 2003 – Present)
2. Christopher Sparrow (August 2007 – Present)
3. Philip Jones (August 2008 – Present)
4. Demitria Todd (August 2008 – Present)
5. Augusta Smith (August 2008 – Present)
6. Danielle Refuge (August 2008 – Present)
7. Lorene Wiley (August 2008 – Present)
8. Tonya Hicks (August 2008 – Present)
9. Eljon fathi (August 2008 – Present)