

# Curriculum Vitae

HUA-JUN SHAWN FAN, Ph.D.

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## EDUCATION

Ph.D. Inorganic Chemistry, University of Arizona, Tucson, AZ, 1999  
Title: Photoelectron Spectroscopy and Computational Studies of Electron Delocalization in Organometallic Complexes  
Advisor: Professor Dennis L. Lichtenberger

B.S. Chemistry, University of Science and Technology of China, 1993  
Title: Preparation, Structure, and Gas-sensing Properties of Dosed CdSnO<sub>3</sub> Powders  
Advisor: Professor Y. Shen

## EXPERIENCE

2019 - Present Associate Department Head, Prairie View A&M University, Prairie View  
2015 - Present Professor, Prairie View A&M University, Prairie View  
2010- 2015 Associate Professor, Prairie View A&M University, Prairie View  
2004- 2010 Assistant Professor, Prairie View A&M University, Prairie View  
2002- 2003 Visiting Professor, Prairie View A&M University, Prairie View

Duties include teaching Chemistry classes (undergraduate and master level), mentoring undergraduate and graduate student research, providing service to the department, college and university, and community

### Leadership & management

- Associate Department Head since 2019
- Vice President, Sigma Xi PVAMU Chapter since 2017
- Co-Executive Director and PI of the Minority Achievement, Creativity, and High-Ability Center (MACH-III) at P Prairie View A&M University since 2017
- Director and PI of Consortium of Materials and Energy Security (CMaES) 2012-2018, which consists of Allen University, Benedict College, Florida A&M University, Morehouse College, Southern University, Tennessee State University, Tuskegee University, and two national labs Los Alamos National Laboratory and Lawrence Livermore National Laboratory
- Served in the Department Head absence since 2015
- Chair of Departmental Curriculum Committee since 2010

- Chair of Program Assessment Committee since 2009
- Chair of Departmental Seminar Series 2005-2008
- Lead the Departmental improvement committee since 2018

### Teaching

- Incorporate, maintain and upgrade the technology in Chemistry classes to facilitate student learning, and design new modeling modules and hands-on demonstrations in the classroom for better learning experience.
- Lead the chemistry curriculum committee to modernize the chemistry curricula such as evaluating and adopting the most suitable textbook and online homework system, streaming the chemistry curricula with university core and other required courses, creating a new Chemistry course for Engineering Chem1034, and implementing Vernier Technology into lab chemistry lab courses such Chem1011, CHEM1021, Chem1032, Chem1042, Chem3022, and Chem3032.
- Organized more than 40 Chemistry Departmental Seminars since 2006, speakers include Nobel Laureate Dr. Roald Hoffmann, renowned scientists from national labs, and esteemed faculty from other universities to speak to and motivate our majors and STEM students on campus
- Won four (4) times "*The Outstanding Teaching Award*" of Brailsford College Arts and Sciences (2006-2007, 2008-2009, 2013-2014, and 2014-2015) and the Finalist for the *President's Most Outstanding Teaching Award*.

### Mentoring & Students' Research

- Offered Annual Modeling workshops to HBCU students through DOE's NNSA Consortium for Materials and Energy since 2014
- Mentor and support PVAMU undergraduate and master level student research activities at PVAMU during semester and off-campus at Research Intensive Universities and National Labs during the summer
- Mentored closed to 50 high school students from American Chemical Society SEED summer program since 2008
- Mentor more than 200 PVAMU students on research, soft skills and professional developments, sponsor students to participate in local, regional and national scientific and professional conference

### Collaboration

- Established the collaboration with Indiana University, Iowa State University, Tennessee State University, Texas Tech University, University of Texas at San Antonio, Texas A&M University, University of Mississippi "Ole Miss", Louisiana State University, Central Michigan University, InterAmerican University of Puerto Rico, Livermore National Lab and Los Alamos National Lab.
- Establish University Memorandum of Understanding (MOU) and Collaboration with Ningbo University of Technology (NBUT), Zhejiang and Kunming University of Science and Technology (KUST), Yunnan to facilitate the student exchange program and professional development

- Hosted three professors from NBUT to initialize the Scholar Visiting and Exchange Program (SVEP) at PVAMU since 2015

### **Publication & Student Employments**

- Led undergraduate students to carry out research and supported more have more than sixty (>80) presentations in local, regional and national conferences and more than thirty (>30) publications in refereed journals and publications
- Applied and received more than \$5 million funding, grants and awards from US Department of Energy, US Department of Education, National Science Foundation and US Air Force Research Laboratory to support research activities at PVAMU.

### **Student Employments**

- Students were accepted into advanced degree programs such as TAMU, University of Texas at San Antonio, University of Oregon, University of Michigan, University of Mississippi, and PVAMU, and working for big corporations such as Lockheed Martin Aeronautics Company in Fort Worth, TX, Boeing Inc, SC, QC Laboratory Supervisor, technician in medical and pharmacy field, Sandia National Lab, 3M Co., Hewlett Packard in Corvallis, OR, and Northrop Grumman Corporation, Melbourne, FL.

### **Services**

Dr. Fan has been actively participating in the service to the department, college and university, here are a few highlights of his service

- Led and created the SACS assessment apparatus for the Department of Chemistry and served on University Taskstream Committee, coordinated annual assessment and data collection for each assessment reporting cycle, developed the step-by-step Rubrics setup flow chart and PowerPoint for faculty to follow
- Served as Webmaster for the Department, design implement and update the Department websites
- Served as a committee member on university's ad-hoc Tenure and Promotion Appeal Committee to review and make recommendations on faculty's appeal cases
- Served as Faculty Senator for the first term: 2009-10, 2010-11 and the second term from 2012-13 and 2013-14.
- Served on University Information Security Awareness, Assessment, and Compliance (ISAAC) Risk Assessment Committee, University Final Exam Schedule Committee, University Web Committee as college representative, Tenure-Promotion Committee for the College of Engineering, Departmental Scholarship committee, Departmental Research Committee, Departmental Faculty Search Committee, University Library Liaison for the department,
- Served as Science Chair and Community Development Chair on the Executive Committee of Volunteer in Public Schools Program at Cy-Fair Independent School District.

## External Appointments

- 2016 Summer Faculty Fellowship Program, US Air Force Research Lab, Dayton, OH  
 2012 Summer Visiting Faculty Program, US Department of Energy and Iowa State University  
 2011 Summer Faculty and Student Team Program, US Department of Energy and ISU  
 2010 Summer Faculty and Student Team Program, US Department of Energy and ISU  
 2003- 2004 Postdoctoral Fellow US Environmental Protection Agency, RTP, NC  
 Mentor: Dr. James Rabinowitz  
 2000- 2002 Postdoctoral Fellow, Texas A&M University, College Station, TX  
 Mentor: Professor Michael B. Hall

## PUBLICATIONS (latest 5 years out of 34 publications)

1. Ghaize Musie, Liwei Zhao, and **Hua-Jun Fan** “Computational Investigate the various binding modes of carbohydrate on Copper(II) and Zinc(II) Complexes” **2019** (*in preparation*)
2. Guoquan Zhou, Ali Rafique, Falonne Moubogno Tchodimo, Michael Aliado, Hao Wu, Hua-Jun Fan “The Role of Technology and Computational Chemistry in Undergraduate Education”, (*in preparation*) **2019**
3. Jiajia Qiu, Zhao Ding, Yudong Shang, Xiaohan Wan, Xiuhua Chen, Hua-Jun Fan, Shaoyuan Li, Wenhui Ma, Jia Yang “Enhanced efficiency of graphene-silicon nanowires Schottky junction solar cell via surface modification and graphene doping”, *Materials Today Energy* (submitted), (IF 2.737) **2019**
4. Chao Geng, Yudong Shang, Zhao Ding, Xiaohan Wan, Xiuhua Chen, Hua-Jun Fan, Shaoyuan Li\*, Wenhui Ma\*, Jia Yang, Long Hu, Jiajia Qiu, Zudong He, Altyeb-Ali-Abaker Omer, “A Distinct Interface Designed to Enhance the Power Conversion Efficiency and Stability of Gr/GQDs/Si Schottky Barrier Solar Cells” *CARBON*, an international Journal (*Submitted*) (IF 6.765) **2019**
5. Rongrong Li, Jiajie Cao, Yangru Huang, Yufeng Yao, Zekai Zhang, HuaJun Fan, Jia Zhao and Deman Han, “Study on Polyionic Liquids (PIL) Promoted Ce Doped ZnO and Its Degradation of RhB”, *Applied Catalysis A* (*Submitted*), (IF 5.365) **2019**
6. Rongrong Li, Shiyun Zhan, Yanxian Jin, Langlang Zeng, Jia Zhao, Xiaoying Chen, Deman Han, Hua-Jun Fan, The Improved Hydrodechlorination Catalytic Reactions by Concerted Efforts of Ionic Liquid and Activated Carbon Support, *New Journal of Chemistry*, (IF 3.277) (Accepted) **2019**
7. Rongrong Li, Shiyun Zhan, Yanxian Jin, Langlang Zeng, Jia Zhao, Xiaoying Chen, Deman Han, Hua-Jun Fan, Equilibrium solubility, model correlation and solvent effect of indole-3-acetic acid in twelve pure solvents, *Journal of Chemical & Engineering Data*, (IF 2.196) (Accepted) **2019**
8. Ali Rafique, Michael Aliado, Guoquan Zhou, Falonne Moubogno Tchodimo, Alexandra Cromer, Gina Chiarella, Hua-Jun Fan, "In search of a good landing site", (*Accepted*) *Pursue: Undergraduate Research Journal* (ISSN 2473-6201), Vol 3(1), **2019**
9. Falonne Moubogno Tchodimo, Guoquan Zhou, Huajun Fan “The Importance of Properly Modeling the Hydrogen Bond in Histidine Amino Acid”, *PURSUE Undergraduate Research Journal at PVAMU*, (*Pursue* (Online) ISSN 2575-159X, *Pursue* (Print) ISSN 2473-6201), (*Accepted*) **2019**

10. Guoquan Zhou; Wen Chen; Xuemin Liu; Zehui Yang; Hua-Jun Fan; Xin Ge, "A newly designed Carbohydrate-derived alkylamine could promoted Ullmann-type C-N coupling catalyzed by copper in water", *SynLett*, (IF 2.369) **2018**, DOI: 10.1055/s-0037-1611695
11. Ali Rafique, Guoquan Zhou, Hao Wu, Hua-Jun Fan, "Let the technology work the wonder in the classroom: a case study of computational chemistry", *Proceedings of The Clute International Conference on Education*, Jan, **2018**, <https://www.cluteinstitute.com/conference-proceedings/DW18Proceedings.pdf>
12. Qi Feng, Shaoyuan Li, Wenhui Ma, Hua-Jun Fan, Xiaohan Wan, Yun Lei, Zhengjie Chen, Jia Yang, Bo Qin, Synthesis and Characterization of Fe<sub>3</sub>O<sub>4</sub>@ZnO-GO Nanocomposite with Improved Photocatalytic degradation methyl orange under visible light irradiation, *Journal of Alloys and Compounds* ( IF 3.779 ) Pub Date : **2017-12-09** , DOI: 10.1016/j.jallcom.2017.12.070
13. Alexandra Cromer, Falonne Moubogno T. Colbie, Nia Parker, Steven Wang, Hao Wu, and Hua-Jun Fan, Square or not Square, That's the Question! Inaugural Issue of PURSUE Undergraduate Research Journal at PVAMU, (Pursue (Online) ISSN 2575-159X, Pursue (Print) ISSN 2473-6201) <http://pvamu.edu/pursue> (ISSN 2473-6201), Vol 1(1), page 1-15, **2017**, <http://www.pvamu.edu/pursue/wp-content/uploads/sites/155/2017/09/cromer-alexandra.pdf>
14. Liwei Zhao, Nnenna Elechi, Ricahrd Qian, Timila B Singh, Ananda S. Amarasekara, and Hua-Jun Fan "Origin of the regioselectivity in the aldol condensation between hydroxymethyl furfural and levulinic acid: a DFT investigation" *J Phys Chem A*. (IF 2.836) **2017**;121(9):1985-1992 (DOI: 10.1021/acs.jpca.6b11100)
15. Liwei Zhao, Hua-Jun Fan, "Ab Initio Investigating the Bonding and Electronic Structure in Bismuth Calixarene Complexes", *Proceeding of Global Conference on Materials Science and Processing Technologies (MSPT) 2017 Asia-Pacific Engineering and Technology Conference (APETC 2017)*, ISBN: 978-1-60595-443-1, <http://dpi-proceedings.com/index.php/dtetr/article/viewFile/10894/10447>
16. Liwei Zhao, Lijuan Deng, and Hua-Jun Fan, Application of Computational modeling in chemical Education, *Education in Chemistry*, **2016**, (in Chinese)
17. Himashi P. Andaraarachchi, Michelle J. Thompson, Miles A. White, Hua-Jun Fan, Javier Vela, "Phase-Programmed Nanofabrication: Effect of Phosphite Precursor Reactivity on the Evolution of Nickel Phosphide and Nickel Nanocrystals", *Chemistry of Materials*, (IF 9.890), **2015**, 27 (23), pp 8021-8031, DOI: 10.1021/acs.chemmater.5b03506
18. Sam Alvarado, Ian A Shortt, Hua-Jun Fan, Javia Vela "Assessing Phosphine-Chalcogen Bond Energetics from Calculations" *Organometallics*, (IF 3.862) **2015**, 34 (16), pp 4023-4031, DOI: 10.1021/acs.organomet.5b00428
19. Christopher D. Stewart, Mayra Pedraza, Hadi Arman, **Hua-Jun Fan**, Eduardo Luiz Schilling, Bruno Szpoganicz, Ghezai T. Musie "Synthesis, Crystal Structure and Investigation of ononuclear Copper(II) and Zinc(II) Complexes of a New Carboxylate Rich Tripodal Ligand and Their Interaction with Carbohydrates in Alkaline Aqueous Solution", *Journal of Inorganic Biochemistry*, (IF 3.348) **2015** (10.1016/j.jinorgbio.2015.04.012) <http://www.sciencedirect.com/science/journal/aip/01620134>
20. Ananda S. Amarasekara, Timila B. Singh, Eve Larkin, Muhammad A. Hasan and Hua-Jun Fan, "NaOH catalyzed condensation reactions between levulinic acid and biomass derived furan-aldehydes in water", : *Industrial Crops and Products*, (IF 3.849) **2015**, 54, 824-831 (DOI: 10.1021/ie504544s)

21. Nnenna Elechi, Daniel Tran, Joshua Heads, Odaro Adu, and Hua-Jun Fan, "The Impact of p-orbital on Optimization of  $\text{ReH}_7(\text{PMe}_3)_2$  Compound" Proceedings of International Conference on Computational Science, 303, **2014**
22. Hua-Jun Fan, Joshua Heads, Daniel Tran, and Nnenna Elechi, "Teaching Chemistry with Computers" International Journal of Information and Education Technology, Journal ISSN: 2010-3689, (Proceedings of **2014** International Conference on Advances in Educational Sciences (ILJET, ISSN 2010-3689)), **2014** (received "**Best Paper Award**") DOI: 10.7763/ijiet.2015.v5.499
23. T. Purnima A. Ruberu, Haley R. Albright, Brandon Callis, Brittney Ward, Joana Cisneros, Hua-Jun Fan, and Javier Vela, "Molecular Control of the Nanoscale: Effect of Phosphine-Chalcogenide Reactivity on CdS-CdSe Nanocrystal Composition and Morphology", ACS Nano, (IF 13.709) **2012**, 6 (6), pp 5348-5359, DOI: 10.1021/nn301182h (18 publication prior 2011)

#### PRESENTATIONS IN MEETINGS (Last three years out of 82 presentations):

1. Iyanuloluwa Olalumade, Dr. Hua-Jun Fan, and Dr. Gina Chiarella, Analyzing the Best Suitable Structure for Metal Complexes using Histidine, 14th PVAMU Research Symposium: Reaching New Heights, Prairie View, TX 77446, April 11, 2019
2. Nigel Books Jr.; Hua-Jun Fan; and Liang-Shi Li, The use of Computational Chemistry to analyze the Reduction/Adsorption Capabilities of Ni-Cyclams, and Metal Organic Frameworks, 14th PVAMU Research Symposium: Reaching New Heights, Prairie View, TX 77446, April 11, 2019
3. Jessy Ndongou, Hua-Jun Fan, Gina Chiarella, Synthesis of Transition Metal Complexes of Salicylaldehyde-Histidine imine, 14th PVAMU Research Symposium: Reaching New Heights, Prairie View, TX 77446, April 11, 2019
4. Jessy Ndongou, Hua-Jun Fan, Gina Chiarella, Synthesis of Transition Metal Complexes Resembling Biological Catalysts, 14th PVAMU Research Symposium: Reaching New Heights, Prairie View, TX 77446, April 11, 2019
5. Adedapo Adetayo and Hua-Jun Fan, Investigating the Effects of Dispersion Functional in Modeling the Histidine Conformation, 2018 45th Annual NOBCCHE National Conference Poster ID #17, September 17-20, 2018 at the Rosen Shingle Creek Hotel, Orlando, Florida. (Advancing Science Conference Grant recipient)
6. Prevailer Mba and Hua-Jun Fan, Synthesis of Transition metal complexes using Histidine molecule as the ligand, 2018 NOBCCHE National Conference Poster ID #18, September 17-20, 2018 at the Rosen Shingle Creek Hotel, Orlando, Florida. (Advancing Science Conference Grant recipient)
7. FALONNE MOUMBOGNO TCHODIMO and Hua-Jun Fan,, SYNTHESIS AND MODELING OF TRANSITION METAL COMPLEXES USING HISTIDINE AS THE LIGAND, 2018 45th Annual NOBCCHE National Conference Poster ID #11, September 17-20, 2018 at the Rosen

Shingle Creek Hotel, Orlando, Florida. (Advancing Science Conference Grant recipient)

8. Patricia Ujeyah and Hua-Jun Fan, Exploring the Effects of Extended Hybrid Functional in Modeling Histidine Conformation, 2018 45th Annual NOBCCHE National Conference Poster ID #5, September 17-20, 2018 at the Rosen Shingle Creek Hotel, Orlando, Florida. (Advancing Science Conference Grant recipient)
9. Wenbin Lou, Guoquan Zhou, Tommy Rockward, Felecia Nave, Hua-Jun Fan "Formulate an effective international research collaboration at HBCU", Symposium "Broadening Participation in STEM - Empirical Studies and Models of Success" at 256th ACS National Meeting in Boston, paper ID: 2994563, PROF 41, (Tuesday, Aug 21, 3-3:20 at Mann 1-Aloft Boston Seaport) August 19 - 23, 2018, Boston, MA
10. Guoquan Zhou, Hao Wu, Tommy Rockward, Felecia Nave, Hua-Jun Fan, "An innovative way of teaching light and energy" 2018 the Micro Nano Tech Education Special Interest Group (MNT<sup>o</sup>SIG) (July 24, 2018) and High Impact Technology Exchange Conference (HI-TEC) Conference, July 23-26, 2018 Miami, FL
11. Ali Rafique, Yaseen Maleki, Hua-Jun Fan, Investigating The Effects of Dispersion Functional in Modeling the Histidine Conformation, 2018 Land Grant Research Symposium by The College of Agriculture and Human Sciences of Prairie View A&M University as part of its Land Grant Week Celebration (**Won the Third Place in Poster Competition**)
12. Wang, S. Y.; Tchodimo, F. M.; WU, H.; Thompson, A.; Fan, H.-J.; and Cui, S., Modeling of Transition Metal Complexes, The 15th International Conference on Scientific Computing, (CSC'17) paper #CSC6002, July 17-20, 2017, Las Vegas, USA
13. Chukwudi Onyejebu; Black, Aladrian B.; Ibekwe, Ugochi A. and Fan, Hua-Jun; "Investigating the binding mode of amino acids on the graphene surface," won XSEDE grants to present at 2017 Practice & Experience in Advanced Research Computing, at New Orleans, LA from July 9 to 13, 2017
14. Chukwudi Onyejebu; Black, Aladrian B.; Ibekwe, Ugochi A. and Fan, Hua-Jun; "Investigating the binding mode of amino acids on the graphene surface," was chosen from more than 4,000 submissions for presentation at 31st Annual National Conference on Undergraduate Research at University of Memphis - April 6-8, 2017
15. Nia Parker, Falonne M.T Colbie, Steven Wang, Dr. Gina Chiarella, Hua-Jun Fan, Synthesis and Theoretical Investigation the Binding Mode of Transition Metal-Amino Acid Complexes, 2016 Southwest Regional Meeting, Galveston, Nov, 2016
16. Liwei Zhao, Hua-Jun Fan, Ab Initio Investigating the Bonding and Electronic Structure in Bismuth Calixarene Complexes, 2016 Global Conference on Materials Science and Processing Technologies (MSPT 2016), Shanghai, Nov, 2016
17. Odaro Adu, Mercedes Stevens, Hua-Jun Fan (PID: PU-PV-PS-93-) Investigating the Electronic Properties of Metal-Salen Complexes, Texas A&M University System 13th Annual Pathways Student Research Symposium, Prairie View, TX. Nov. 2016

18. Koffi Agbolo, Rose Ilunga and Hua-Jun Fan (PID: PU-PV-LS-86-Y) Synthesis of schiff base with transitional metal, Texas A&M University System 13th Annual Pathways Student Research Symposium, Prairie View, TX. Nov. **2016**
19. Joshua Heads and Hua-Jun Fan (PID: PU-PV-PS-92-X) Synthesis of Novel Organic Compounds with Photovoltaic Applications, Texas A&M University System 13th Annual Pathways Student Research Symposium, Prairie View, TX. Nov. **2016 (Won the First Place in Poster Competition)**
20. Chukwudi Onyejegbu and Hua-Jun Fan (PID: PU-PV-PS-90-X) Investigating the binding mode of Amino Acids on the graphene Surface, Texas A&M University System 13th Annual Pathways Student Research Symposium, Prairie View, TX. Nov. **2016 (Won the Second Place in Poster Competition)**
21. Nia Parker and Hua-Jun Fan (PID: PU-PV-PS-91-X) Synthesis and Modeling of Transition Metal Complexes, Texas A&M University System 13th Annual Pathways Student Research Symposium, Prairie View, TX. Nov. **2016**
22. Daniel Tran and Hua-Jun Fan (PID: PM-PV-PS-89-X) Comparison of Common Density Functionals for Use in Modelling Fuel Cell Catalysts, Texas A&M University System 13th Annual Pathways Student Research Symposium, Prairie View, TX. Nov. **2016**
23. Felipe Beltran, Aladrian Black, Lambert Tamuno-Mieibi, Chukwudi Onyejegbu, Moiz Sheikh, Mohammad Aun, ”, the First PVAMU Integrating Research in Student Engagement-Undergraduate Program: iRISE-UP, March 2, **2016, (Won the First Place in Poster Competition)**
24. Falonne Moubogno T., Laura Vargas, Rose Ilunga, Odaro Adu, Richard Qian, Hua-Jun Fan, “Modeling and Characterization of Amino Acids with metal cofactor”, the First PVAMU Integrating Research in Student Engagement-Undergraduate Program: iRISE-UP, March 2, **2016 (Won the Second Place in Poster Competition)**
25. Moiz Sheikh, Abdul Siddique, Muhammad Aun, Gururaj Neelgund, Remi Oki, Hua-Jun Fan, “Synthesis, Characterization and computational modeling of adsorption on graphene”, the First PVAMU Integrating Research in Student Engagement-Undergraduate Program: iRISE-UP, March 2, **2016**
26. Rose Ilunga, Falonne Moubogno, Hua-Jun Fan, “Synthesis of Schiff Base”, the First PVAMU Integrating Research in Student Engagement-Undergraduate Program: iRISE-UP, March 2, **2016**
27. Joshua Heads, Matthew Turner, Yingchun Li, Hua-Jun Fan, “Investigation of the new improved synthesis of novel flammability inhibiting materials”, the First PVAMU Integrating Research in Student Engagement-Undergraduate Program: iRISE-UP, March 2, **2016**
28. Odaro Adu, Falonne Moubogno Richard Qian, Hua-Jun Fan, “Investigating the electronic properties of metal-salen complexes”, the First PVAMU Integrating Research in Student Engagement-Undergraduate Program: iRISE-UP, March 2, **2016**



29. Nnenna Elechi submitted a travel award application for the 2016 Emerging Researchers National (ERN) Conference in Science, Technology, Engineering and Mathematics (STEM) on February 25-27, **2016**, in Washington, D.C.
30. Felipe Beltran, Aladrain Black, Hua-Jun Fan, Modleing the biofunctionalized materials systems, PVAMU RCHEG Research Symposium, (First Place winner), February, 25, **2016**
31. Liwei Zhao, Nnenna Elechi, Hua-Jun Fan, Mechanistic Implication in a New Cellulose Derived Cyclopentenone Derivative Synthesis, 2015 materials and research society Annual Conference, Nov. 29 to Dec. 4, **2015**, Boston, MA
32. Felipe Beltran, Moiz Sheikh, Muhammad Aun, and Hua-Jun Fan, "Investigate the interface of amino acid on graphene surface" 2015 Joint Southeastern/Southwest Regional Meeting, Paper ID: 2359578, Nov. 4-7, **2015**, Memphis, TN
33. Joshua Heads, Liwei Zhao, Hua-Jun Fan, "Investigation of the New Improved Synthesis of Novel Flammability Inhibiting Materials", this paper won National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) Conference Advancing Science Travel Grant, From September 21-25, **2015**, at NOBCChE conference at Orlando, FL
34. Felipe Beltran, Moiz Sheikh and Hua-Jun Fan "Modeling the Biofunctionalized Materials Systems on AF Environments", US Air Force Research Lab, Minority Leaders - Research Collaboration Program (ML - RCP) Review, 15-17 Sep **2015**; Dayton OH
35. Lasbat Agbaje, Hua-Jun Fan, "Investigate the binding modes between the metal and monosaccharide by computational chemistry modeling approach" Paper #1, Research Symposium & Awards Ceremony for Summer Research Experience Program for Undergraduate (REU) and High School Students (REH), Aug 7, **2015**, Don K Clark Building, Prairie View, TX
36. Ellington Shephard, Lasbat Agbaje, Hua-Jun Fan, "Computational modeling of Ideal geometry of ICl<sub>2</sub> molecule", paper #10, Research Symposium & Awards Ceremony for Summer Research Experience Program for Undergraduate (REU) and High School Students (REH), Aug 7, **2015**, Don K Clark Building, Prairie View, TX
37. Felipe Beltran, Muhammad Aun, Abdul Siddiqui, Moiz Sheikh, Hua-Jun Fan "Synthesis, characterization and modeling of absorption of peptides on graphene", Minority Leaders - Research Collaboration Program (ML - RCP) Multiscale Characterization of Advanced Materials Technical Interchange Meeting (TIM), from June 29 to 30, **2015** at the Tec^Edge facility in Dayton, Ohio
38. Abdul Siddiqui, Moiz Sheikh, Muhammad Aun, Hua-Jun Fan Synthesis, characterization and modeling of absorption of peptides onto the graphene surface, 10th Annual Research Symposium: A Decade of Excellence in Research: Cultivating Intellectual Growth, Prairie View, TX, April 9, **2015** (Won the First Place)

39. Rufina Che, Ian A Shortt, Richard Qian, Abolaji Alimi, Chevis Lucky, DeShuntrice Jones, Miss. Victoria Taylor, Hua-Jun Fan, and Gina Chiarella Synthesis and Computational Modeling of the Transition-Metal Complex, 10th Annual Research Symposium: A Decade of Excellence in Research: Cultivating Intellectual Growth, Prairie View, TX, April 9, **2015**
  40. Lasbat Agbaje, Alimi Abolaji, and Hua-Jun Fan, Synthesis, Spectroscopic, and Modeling Investigation of Transitional metal complexes, 10th Annual Research Symposium: A Decade of Excellence in Research: Cultivating Intellectual Growth, Prairie View, TX, April 9, **2015**
  41. Nnenna Elechi, Hua-Jun Fan, Michael B Hall, Amanda Renz, C-H activation of Cp-Ir(RH)(CO) and Cp\*-Ir(RH)(CO) Division of Computers in Chemistry paper#270, 246th ACS National Meeting & Exposition, Dallas, TX, March, **2014**
  42. Daniel Tran, Mr. Ian A Shortt, Miss Mykala Taylor, Mr. Odaro Adu, Dr. Yingchun Li, Dr. Hua-Jun Fan, Synthesis, characterization, and modeling of (E)-4,4'-(ethene-1,2-diyl) dianiline, Division of Computers in Chemistry paper#242, 246th ACS National Meeting & Exposition, Dallas, TX, March, **2014**
  43. Miss Nnenna Elechi, Mr Daniel Tran, Mr. Andre M Darroux, Mr Dennis Edwards, Dr. Hua-Jun Fan, How important is “p”-orbital in computational modeling, Division of Computers in Chemistry paper#241, 246th ACS National Meeting & Exposition, Dallas, TX, March, **2014**
- (45 conference presentations prior 2013)

#### GRANTS (Last three years, total ~\$5 Million grant):

1. PI and lead institute, US Department of Energy, National Nuclear Security Administration: Consortium of Energy Sciences: Experimental and Modeling, October 2019 - September 2022, (**submitted \$3,000,000**)
2. Co-PI, US NSF iUSE, “BioInvasion: Innovative Biology Research Across Disciplines”, 2018-Nov (**Submitted \$1,118,177**)
3. Co-PI, PVAMU FY 2019 Faculty Research Development Grant Program (FRDGP): “Synthesis, Characterization and Modeling Study of Environmentally Friendly Schiff-Based Catalyst with Improved Reducing Power” (\$20,000)
4. PI, Chancellor’s Research Initiative (CRI): Minority Achievement, Creativity, and High-Ability Center (MACH-III), (Assumed PI Role in 2018) Chief Scientist Dr. Fred A. Bonner, 2014-present (\$5,707,340)
5. Co-PI, US NSF CC\* Award, “Network Design: Improve Network on Campus for Research and Education in Agriculture, Science, and Engineering at Prairie View A&M University” August 31, 2018- July 30, 2020 (\$499,964)

6. PI, US DOE Los Alamos National Lab through NNSA MSIPP program, CMaES project, October 1, 2017- September 30, 2018 (\$313,005)
7. PI, PVAMU Service Learning Mini-Grant: Monitoring Water Quality around Harris County, Spring 2016, Fall 2016, Spring 2019 (\$1,000 each)
8. PI, US Department of Energy, National Nuclear Security Administration: Consortium of Materials and Energy Security, October 2014 - September 2017, (\$562,500)
9. PI, PVAMU Mini-Grant: From modeling to reality: a new endeavor to synthesize Novel Organic Electronic and Photovoltaic Devices, Summer 2016, (\$20,000)
10. PI, PVAMU Mini-Grant: Mechanistic Investigations of Photo-catalysis of Colloidal Semiconductor-Metal Hetero-structures, Summer 2014, (\$20,000)
11. PI, US Air Force Research Lab/UTC/LL Clarkson: Modeling the Biofunctionalized Materials Systems on AF Environments, July, 2013 - May, 2018, (\$529,000)
12. PI and Lead Institute, US Department of Energy: Investigating and Characterizing Catalytic Activity in Novel Materials and Processes using Experimental and Computational Techniques, October 1, 2012 - September 30, 2014, Consortium Institute: Los Alamos National Lab, Tennessee State University, Morehouse College, Allen University and Southern A&M University, (\$1,102,000 overall, PV portion is \$356,000)

## AWARDS and RECOGNITIONS

### Teaching Awards

- PVAMU Outstanding Service Recognition during Service-Learning and Community Service Meeting on April 27, 2017
- Finalist for the 2015 President's Most Outstanding Teaching Award at Prairie View A&M University
- The Most Outstanding Teaching Award, Marvin D. and June Samuel Brailsford College Arts and Sciences, 2014-2015
- The Outstanding Teaching Award, Marvin D. and June Samuel Brailsford College Arts and Sciences, 2013-2014
- The Outstanding Teaching Award, Marvin D. and June Samuel Brailsford College Arts and Sciences, 2008-2009
- The Outstanding Teaching Award, Marvin D. and June Samuel Brailsford College Arts and Sciences, 2006-2007

### **Mentored students research Awards**

- Won travel fellow award from Center for Microsystems Education to attend 2018 the Micro Nano Tech Education Special Interest Group (MNT<sup>e</sup>SIG)
- Won the travel award to present at 2017 Practice and Experience in Advanced Research Computing (PEARC) in New Orleans, LA
- The First and second place of poster competition during Texas A&M University System 13th Annual Pathways Student Research Symposium, Nov. 2016
- The First and second place of poster competition during the first PVAMU iRISE-UP Undergraduate Research Symposium, March 2, 2016, PVAMU
- The First place in PVAMU RCHEG Research Symposium on Feb 25, 2016
- Won the travel award to present at NOBCChE annual conference in Orlando FL in September, 2015
- Won the First Place in the poster competition on 10th Annual Research Symposium: A Decade of Excellence in Research: Cultivating Intellectual Growth, Prairie View, TX, April 9, 2015
- “The Best paper” Award on International Conference on Advances in Educational Sciences, May 2014
- “The Second Place” award on Paper presented on 70th Joint Annual BKX/NIS meeting in March 2014.

### **AFFILIATIONS**

Sigma Chi Honor Society, Vice President since 2018

Member of American Chemical Society

Member of Council on Undergraduate Research

Master Student mentored

<b>Year</b>	<b>Name (Last, First)</b>	<b>Title of Thesis</b>
Fall 2008	Howe, Warren L. (member)	Production of Biodiesel from Soybean Oil and Mexican Peanut Using Solvothermal Synthesis and <sup>1</sup> HNMR Detection
Spring 2010	Green, Dalkeith Everett (member)	Synthesis of 2,5-diformylfuran from d-Fructose and its Application in the Preparation of Phenolic Resins
Summer 2012	Bonham, Paul L. (member)	Synthesis of Poly (2,5-furandicarboxylic acid-co-glycerol)
Summer 2012	Ezeh, Brian (member)	One pot Synthesis of Ethyl Levulinate from Cellulose
Summer 2012	Obi, Esther Uzoamaka (member)	Nanocomposites formed by Functionalization of Carbon nanotubes with 2-amino-4,6-dichlorotriazine and 2-amino-4,6-dichloropyrimidine
Summer 2012	Sullivan III, David L. (member)	The structural characterization of DSIAT in Drosophila
Spring 2013	Olanipekun, Opeyemi (member)	Chemical Modification of Graphene

spring 2014	Charity Woodard (member)	Synthesis and Characterization of Graphene Oxide Composites and their Potential Biomedical Application in Photodynamic Therapy, using an Ovarian Cancer Cell Line SKOV-3
Spring 2016	Elechi, Nnenna (chair)	Density Functional Theory Investigation of the Critical Energy Barriers in the Aldol Condensation Reaction Between Hydroxymethyl Furfural and Levulinic Acid
Fall 2016	Tran, Daniel (chair)	Computational Investigation the redox potential of graphene quantum dot
Fall 2017	Walter Zamir Rideaux III (member)	Synthesis and computational modeling the As in Food processing and human consumption
Spring 2018	Falonne Moumbogno Tchodimo (Chair)	Modeling the Metal-amino acid conformation
Spring 2019	Jessy Ndongou (member)	Preparation and Characterization of Nickel (II), Zinc (II) and Copper (II) complexes using Schiff bases containing Histidine as ligands

Summer research Intern Student mentored since 2010

Time	Name	Internship Location
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2018 Summer	Michael Aliado	BASF summer intern
2018 Summer	Kendall Lemons	Boeing Inc (Seattle) shadowing
2018 Summer	Kowther Hussein	Boeing Inc (South Carolina)
2018 Summer	Nigel Brooks Jr	Indiana University
2018 Summer	Yaseen Maleki	JAMP summer Intern
2018 Summer	Nia Parker	LANL Summer Intern
2018 Summer	Ali Rafique	PNNL Summer Intern
2018 Summer	Olivia Mackey	DMU Summer intern, School of Osteopathic Medicine
2018 Summer	Benjamin C. Kamdem-Talom	PVAMU intern from Maryville College
2018 Summer	Falonne Moumbogno Tchodimo	PVAMU Summer intern
2018 Summer	Yetunde Akindele	PVAMU Summer intern
2018 Summer	Chidozem Okolie	PVAMU Summer intern
2018 Summer	Alvin Ibeabuchi	PVAMU Summer intern
2018 Summer	Mary Adegbembo	PVAMU Summer intern
2018 Summer	Sahar Fattani	PVAMU Summer intern
2018 Summer	Joelle Tshikuta	PVAMU Summer intern
2018 Summer	Richard Qian	PVAMU Summer intern
2018 Summer	Thao Huynh	PVAMU Summer intern
2018 Summer	Prevailer Mba	PVAMU Summer intern
2018 Summer	Iyanuloluwa Olalumade	PVAMU Summer intern
2018 Summer	Patricia Ujeyah	PVAMU Summer intern
2018 Summer	Tominisha Johnson	PVAMU Summer intern
2018 Summer	Xavier Robertson	PVAMU Summer intern
2018 Summer	Adedapo Adetayo	PVAMU Summer intern

2018 Summer	Joshua Martinez	transfer to TAMU
2017 Summer	Kowther Hussein	Boeing Co, South Carolina
2017 Summer	Nia Parker	Los Alamos National Lab
2017 Summer	Mercedes Stevens	Accenture in Houston
2017 Summer	Enobong O Bob	Joint Admission Medical Program @TAMU
2017 Summer	Ememobong O Bob	Joint Admission Medical Program @TAMU
2017 Summer	Cayla Guillory	PVAMU REU Summer Intern
2017 Summer	Aladrian Black	PVAMU REU Summer Intern
2017 Summer	Rose M. Ilunga	PVAMU NNSA Summer Intern
2017 Summer	Chukwudi Onyejebu	PVAMU NNSA Summer Intern
2017 Summer	Odaro Adu	PVAMU STEP Summer Intern
2016 Summer	Daniel Tran	Laurence Livermore National Lab
2016 Summer	Kowther Hussein	Boeing Co, South Carolina
2016 Summer	Joshua Heads	Los Alamos National Lab
2016 Summer	Falonne Moumbogno	PVAMU SREP Program
2016 Summer	Chukwudi Onyejebu	PVAMU SREP Program
2016 Summer	Steven Wang	PVAMU SREH Program (high school)
2016 Summer	Tamuno-mieibi Lambert	PVAMU PV STEP Program
2016 Summer	Ugochi Ibekwe	TAMU biomaterials summer intern
2016 Summer	Odaro Adu	Los Alamos National Lab
2016 Summer	Richard Qian	PVAMU NNSA summer Intern Program
2016 Summer	Aladrian Black	PVAMU NNSA summer Intern Program
2016 Summer	Rose M. Ilunga	PVAMU NNSA summer Intern Program
2016 Summer	Koffi Agbolo	PVAMU NNSA summer Intern Program
2016 Summer	Chinwendu Ejimadu	PVAMU NNSA summer Intern Program



2016 Summer	Nia Parker	PVAMU NNSA summer Intern Program
2016 Summer	Mercedes Stevens	PVAMU NNSA summer Intern Program
2015 Summer	Abolaji Alimi	Los Alamos National Lab
2015 Summer	Nnenna Elechi	Laurence Livermore National Lab
2015 Summer	Falonne Moubogno	PVAMU SREP Program
2015 Summer	Muhammad Aun	Tennessee State University
2015 Summer	Mohamed Coulibaly	Prairie View A&M University
2015 Summer	Lasbat Agbaje	Prairie View A&M University
2015 Summer	Nafisa Hussein	Prairie View A&M University
2015 Summer	Felipe Beltran	Prairie View A&M University
2015 Summer	Victoria Gilchrist	Prairie View A&M University
2015 Summer	Joshua Heads	Prairie View A&M University
2015 Summer	Moiz Sheikh	Prairie View A&M University
2014 Summer	Jermaine Chambers	Los Alamos National Lab
2014 Summer	Vanessa Dongmo	Los Alamos National Lab
2014 Summer	Christian Guzman	Los Alamos National Lab
2014 Summer	Shanice Brown	Los Alamos National Lab
2014 Summer	Marissa Nobles	Indiana University
2014 Summer	Daniel Tran	Indiana University
2014 Summer	Courtney Meekins	Iowa State University /Ames National Lab
2014 Summer	alimi abolaji	Prairie View A&M University
2014 Summer	Joshua Heads	Prairie View A&M University
2014 Summer	Nnenna Elechi	Prairie View A&M University

2014 Summer	Abdul R Siddiqui	Prairie View A&M University
2014 Summer	Odaro Adu	Prairie View A&M University
2014 Summer	Mykala Taylor	Prairie View A&M University
2014 Summer	Lasbat Agbaje	Prairie View A&M University
2014 Summer	Ezinne Onuoha	Prairie View A&M University
2013 Summer	Hayden Parrish	Texas Tech University
2013 Summer	Karen Torres	Iowa State University /Ames National Lab
2013 Summer	Shanice Brown	Tennessee State University
2013 Summer	Nnenna Elechi	Los Alamos National Lab
2013 Summer	Brittany Ward	Los Alamos National Lab
2013 Summer	Bruna Menezes	Indiana University
2012 Summer	Brandon Callis	Iowa State University /Ames National Lab
2012 Summer	Brittany Ward	Iowa State University /Ames National Lab
2012 Summer	Mykala Taylor	Texas A&M University
2012 Summer	Devesha Lester	Indiana University
2012 Summer	Hayden Parrish	Texas Tech University
2011 Summer	Brandon Callis	Iowa State University /Ames National Lab
2011 Summer	Brittany Ward	Iowa State University /Ames National Lab
2011 Summer	Joana Cisneros	Texas Tech University
2011 Summer	Nnenna Elechi	Texas A&M University
2010 Summer	Joana Cisneros	Iowa State University /Ames National Lab
2010 Summer	Brandon Callis	Iowa State University /Ames National Lab
2010 Summer	LaSasha Walker	Indiana University

2010 Summer	Nnenna Elechi	Texas A&M University
2010 Summer	Raymond Hooks	Central Michigan University
2010 Summer	Malcolm McGhie	Central Michigan University
2010 Summer	Stephene Bacon	Texas Tech University
2010 Summer	Charity Woodard	Louisiana State University

Research Assistant mentored during semester since 2013

<b>Term</b>	<b>Student Research Assistant</b>	<b>Term</b>	<b>Student Research Assistant</b>
Spring 2018	Ali Rafique	Fall 2017	Falonne Moumbogno Tchodimo
Spring 2018	Chukwudi Onyejebu	Fall 2017	Oluseun John
Spring 2018	Ememobong O Bob	Fall 2017	Victor Odukoya
Spring 2018	Aliah Paige	Fall 2017	Taki-eddine khiati
Spring 2018	Alexandra Cromer	Fall 2017	Marion L. Hall
Spring 2018	Joelle Tshikuta	Fall 2017	Adekunle Joseph Ajike
Spring 2018	Michael Aliado	Fall 2017	Debra Oluomachi Onwuegbuchu
Spring 2018	Chibuzo Isikwe	Fall 2017	Waheed Adeshina
Spring 2018	Enobong O Bob	Fall 2017	Ojevwe Emedo
Spring 2018	Falonne Moumbogno Tchodimo	Fall 2017	Kowther Hussein
Spring 2018	Patricia Ujeyah	Fall 2017	Osato Idehen
Spring 2018	Mercedes Stevens	Fall 2017	jazmine stewart
Spring 2018	Chiebuka Victor Ejimadu	Fall 2017	Olumide M. Longe
Spring 2018	Sarah Emedo	Fall 2017	Emmanuel Bob
Spring 2018	Abeeb O. Oki (Brandon)	Fall 2017	Sarah Emedo
Spring 2018	Emmanuel Bob	Fall 2017	Chiebuka Victor Ejimadu

Spring 2018	Olumide M. Longe	Fall 2017	Ali Rafique
Spring 2018	Osato Idehen	Fall 2017	Mercedes Stevens
Spring 2018	Prevailer Mba	Fall 2017	Patricia Ujeyah
Spring 2018	Iyanuloluwa Olalumade	Fall 2017	Chibuzo Isikwe
Spring 2018	Habeeb Kareem	Fall 2017	Michael Aliado
Spring 2018	Joshua Martinez	Fall 2017	Joelle Tshikuta
Spring 2018	Richard Qian	Fall 2017	Alexandra Cromer
Spring 2018	David Gibson	Fall 2017	Aliah Paige
Spring 2018	Kowther Hussein	Fall 2017	Enobong O Bob
Spring 2018	Makobi Okolie	Fall 2017	Ememobong O Bob
Spring 2018	Yaseen Maleki	Fall 2017	Chukwudi Onyejebu
Spring 2018	Favour Ifeoluwa Fadipe	Fall 2017	Arinze Arubaleze
Spring 2018	Abraham Parada-Medina	Fall 2017	Ashlee Wilson
Spring 2018	Olivia Mackey	Fall 2017	Cayla Guillory
		Fall 2017	Aladrian Black
		Fall 2017	Odaro Adu -W/S
16Fall/17Spg	Richard Qian	2016 Spring	Joshua Heads
16Fall/17Spg	Kowther Hussein	2016 Spring	Felipe Beltran
16Fall/17Spg	Chukwudi Onyejebu	2016 Spring	Richard Qian
16Fall/17Spg	Aladrian Black	2016 Spring	Falonne Moumbogno
16Fall/17Spg	Ugochi Ibekwe	2016 Spring	Odaro Adu
16Fall/17Spg	Joshua Heads	2016 Spring	Rose M. Ilunga
16Fall/17Spg	Chinwendu Ejimadu	2016 Spring	Chukwudi Onyejebu
16Fall/17Spg	Rose M. Ilunga	2016 Spring	Tamuno-mieibi Lambert
16Fall/17Spg	Koffi Agbolo	2016 Spring	Kowther Hussein

16Fall/17Spg	Nia Parker	2016 Spring	Aladrian Black
16Fall/17Spg	Alexandra Cromer	2016 Spring	Koffi Agbolo
16Fall/17Spg	Mercedes Stevens	2016 Spring	Karimat O. Abdulwahab
16Fall/17Spg	Odaro Adu	2016 Spring	Ugochi Ibekwe
		2016 Spring	Nnenna Elechi
		2016 Spring	Daniel Tran
		2016 Spring	Marshall Joseph
		2016 Spring	Kehinde Kpokpogbe
2015 Fall	Joshua Heads	2015 Spring	Lasbat Agbaje
2015 Fall	Felipe Beltran	2015 Spring	Abdul R Siddiqui
2015 Fall	Richard Qian	2015 Spring	Moiz Sheikh
2015 Fall	Moiz Sheikh	2015 Spring	Muhammad Aun
2015 Fall	Falonne Moumbogno	2015 Spring	Felipe Beltran
2015 Fall	Odaro Adu	2015 Spring	Ezinne Onuoha
2015 Fall	Abolaji Alimi	2015 Spring	Daniel Tran
2015 Fall	Lasbat Agbaje	2015 Spring	Adjorkor Awusie
2015 Fall	Christine Owojori	2015 Spring	Odaro Adu
2015 Fall	Laura Vargas	2015 Spring	Nnenna Elechi
2015 Fall	Kehinde Kpokpogbe	2015 Spring	Mykala H Taylor
2015 Fall	Marshall Joseph		Falonne Moumbogno
2015 Fall	Chukwudi Onyejebu		
2015 Fall	Tamuno-mieibi Lambert		
2015 Fall	Kowther Hussein		
2015 Fall	Aladrian Black		

2015 Fall	koffi agbolo		
2014 Fall	Victoria Gilchrist	2014 Spring	Abdul R Siddiqui
2014 Fall	Chiaka Opara	2014 Spring	Adjorkor Awusie
2014 Fall	Nnenna Elechi	2014 Spring	alimi abolaji
2014 Fall	Odaro Adu	2014 Spring	Daniel Tran
2014 Fall	Adjorkor Awusie	2014 Spring	Ezinne Onuoha
2014 Fall	Daniel Tran	2014 Spring	Joana Cisneros
2014 Fall	Ezinne Onuoha	2014 Spring	Joshua Heads
2014 Fall	Abdul R Siddiqui	2014 Spring	Justin Neal
2014 Fall	Marissa Nobles	2014 Spring	Lasbat Agbaje
2014 Fall	Lasbat Agbaje	2014 Spring	Marissa Nobles
2014 Fall	alimi abolaji	2014 Spring	Mykala Taylor
2014 Fall	Rufina Che	2014 Spring	Nnenna Elechi
2014 Fall	Falonne Moumbogno	2014 Spring	Odaro Adu
2014 Fall	Joshua Heads	2014 Spring	Victoria Gilchrist
2013 Fall	Adrienne Chestang	2013 Spring	Doris Esohe Adu
2013 Fall	Akachukwu Udokoro	2013 Spring	Erin Scott
2013 Fall	Andre M Darroux Jr	2013 Spring	Ijeoma Ejimadu
2013 Fall	Ashley Anugwom	2013 Spring	Joana Cisneros
2013 Fall	Brandon Callis	2013 Spring	Joshua Heads
2013 Fall	Brittany R. Davis	2013 Spring	Julie Dominguez
2013 Fall	Brittney R Ward	2013 Spring	Mykala Taylor
2013 Fall	Camille Harry	2013 Spring	Nnenna Elechi

2013 Fall	Candace Jackson	2013 Spring	Odaro Adu
2013 Fall	Candria Jones	2013 Spring	Oyeyemi Akinremi
2013 Fall	Courtney D. Meekins	2013 Spring	Shanice C Brown
2013 Fall	Daniel Tran	2013 Spring	sumit jha
2013 Fall	Delicia Roberson	2013 Spring	Syed Murtuza Hussain
2013 Fall	Desola Lesi	2013 Spring	Tiffany Anugwom
		2013 Spring	Vander Breland

ACS SEED high school Students mentored

2018 Summer	Christian Gonzalez	Jersey Village High School
2017 Summer	Kaleb Small	Spring High School
2017 Summer	Kenia Ginyard	Cypress Woods High School
2017 Summer	Reginald Collins	Carver High School
2017 Summer	Deshaun Miller	Wunsche High School
2017 Summer	Muhammad Tharani (REH)	
2017 Summer	Jordan Austin (REH)	
2016 Summer	Adesuwa Ehioghae	Harmony High School
2016 Summer	Babur Naimi	Harmony High School
2016 Summer	Owais Raza	Harmony High School
2016 Summer	Kenia Ginyard	Cy-Wood high school
2016 Summer	Reginald Collins	George Washington Carver
2016 Summer	Deshaun Miller	Carl Wunsche High School
2016 Summer	Hotam Yusupov	Harmony High School

2016 Summer	Steven Y. Wang (REH)	Cypress Ranch High School
2015 Summer	Clarke, Chrisan-Kay	Cypress Springs HS
2015 Summer	Hodge, Zuriel	Thurgood Marshall HS
2015 Summer	Qian, Richard	Cypress Ranch HS
2015 Summer	Taylor, Victoria	Yes Prep SW
2014 Summer	Victoria Taylor	Yes Prep Southwest
2014 Summer	Chevis Lucky	Cypress Ridge HS
2014 Summer	Richard Qian	Cypress Ranch High School
2014 Summer	Nancy Osazuwa	Harmony HS
2014 Summer	Clarke, Chrisan-Kay	Cypress Springs HS
2013 Summer	Castillo, Erick	North Shore
2013 Summer	Johnson, Tamar	Yes Prep SW
2013 Summer	Jones, DeShuntrice	North Shore
2013 Summer	La, Denwis	Northshore
2013 Summer	Rodriguez, Edwin	C.E. King
2013 Summer	Yee, Kevin	Northshore
2012 Summer	Oshae Cartwright	Reagan HS
2012 Summer	Jerome Lore	Hempstead HS
2012 Summer	Arnold Rollins	North Shore HS
2012 Summer	Kevin Aitch	Cypress Lake HS



2011 Summer	Alma Acosta	Elsik HS
2011 Summer	Nathaly Garcia	Elsik HS
2011 Summer	Jeremy Lore	Waller HS
2011 Summer	Bailu Qian	Cypress Woods HS
2010 Summer	Bailu Qian	Cypress Woods HS
2010 Summer	Cambridge Shoulders	Elsik HS
2010 Summer	David Rivera	Northshore HS
2010 Summer	Harry Fairman	Cyfair HS

### Example of where students went

Muhammad Aun	Transferred to TAMU in fall 2016, expect graduate in May 2018, Major in Industrial & System Engineering
Joshua Head	Lockheed Martin Aeronautics Company in Fort Worth, TX
Abdul R Siddiqui	Boeing Inc, SC
Felipe Beltran	PhD Program at TAMU
Moiz Sheikh	Transferred to TAMU
Joshua Martinez	Transferred to TAMU
Shanice Brown	PhD Program Kansans State University
Nia Parker	Fellowship at LANL
Chukwudi Onyejebu	AIG Fort Worth, TX
Stephen Bacon	Northrop Grumman Co. Melbourne, FL
Shana Stoddard	Assistant Prof Chemistry at Rhodes College, Memphis, TN
Koffi Agbolo	Accenture at Houston

Ezinne Onuoha	PhD in Epidem at McGovern Medical school
Daniel Tran	Veritas Petroleum Services