Curriculum Vitae

Anthony Hayford, Ph.D
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EDUCATION

Ph.D. Chemistry, **1994**
University of Maryland, College Park, MD,

M.S. Chemistry, 1988
Weizmann Institute of Science, Rehovot, Israel

B.S. Industrial Chemistry, 1984
Kwame Nkrumah Univ. of Science and Technology, Ghana

TEACHING EXPERIENCE

2023- Present	Prairie View A&M University	Prairie View, TX	Lecturer I
2017-2022	Los Angeles Valley College	Van Nuys, CA	Associate Faculty
2017-2019	American Jewish University	Bel Air, CA,	Associate Faculty
2012-2015	Virginia Community Colleges Systems	Hampton, VA	Adjunct Faculty
2007-2008	Virginia Wesleyan College	Norfolk, VA	Vist Professor
2000-2007	East Carolina University	Greenville, NC	Assistant Professor

INDUSTRIAL EXPERIENCE

2009-Present FlexSynthesis & Analy cal Services President
Custom Synthesis work and sales of valuable chemical building blocks units through a consignment agreement with Sigma Aldrich Chemical Company

2009-2012 Metropolitan Laboratories Inc. Portsmouth, VA Laboratory Director Managed technical laboratory staff to run the day-to-day opera ons of an environmental contaminants tes ng laboratory. The laboratory processed and reported over 10,000 environmental tes ng samples per annum with improved laboratory image and revenue stream.

PATENT (Pending)

Method for the Synthesis of 3-Subs tuted Indolizine and Benzoindolizine Compounds. Hayford, A.; Kaloko, J. Jr. United States Provisional Patent Appl. No. 60/640, 369; Files December 30, 2004 & PCT Int. Appl. 2006

PUBLICATIONS-REFEREED JOURNAL ARTICLES:

1. **Hayford, A** .; Kaloko J. Jr.; Salwa E.; Bass G.; Harrison, C.; Corprew, T. Prac cal Synthesis of (Z)-polyaroma c and heteroaroma c vinylacetylenes. **Org. Le . 2005,7, 2671 .**
2. Kaloko, J. Jr.; **Hayford, A.** Direct Synthesis of Monofunc onalized Indolizines Deriva ves Bearing Alkoxymethyl Subs uents at C-3 and their Benzofused Analogues. **Org. Le. 2005, 7, 4305.**
3. Lazareva, M.I.; Kryschenko,Y.K.; **Hayford, A** .; Lovdahl, M.; Caple, R.; Smit, W.A.; Controlled One-Pot Sequence of Three Ad $_E$ Reac on as a Novel Protocol for the Synthesis of Polyfunconal Compounds. **Tetrahedron Le . 1998, 39, 1083.**
4. Lazareva, M.I.; Kryschenko,Y.K.; Wakefield, D.; **Hayford, A** .; Caple, R.; Smit, W.A.; Structure and Reac vity of Thiophanium Salts, the Elusive Intermediate in ArS+-Mediated One-pot Sequence of Three AdE Reac ons. **Tetrahedron Le . 1998,39 , 8787.**
5. Lazareva, M.I.; **Hayford, A.;** Kryschenko,Y.K.; Caple, R.; Smit, W.A Fourcomponents Coupling based on the Sequence of Ad $_E$ Reacons i nvolving arylsulfenylchloride, two alkyl ethers and silicon containing pi-donors a method for the prepara on of polyfunconal compounds. **Russ. Chem. Bull. 1998, 47, 895**
6. Lazareva, M.I.; **Hayford, A** .; Kryschenko,Y.K.; Caple, R.; Smit, W.A Fourcomponents Coupling based on the Sequence of AdE Reacons i nvolving arylsulfenylchloride, two alkyl ethers and silicon containing pi-donors a method for the prepara on of polyfunconal compounds. Izv. Acad. Nauk. Ser. Khim. 1998.
7. Margarita I. Lazareva, **Hayford, A,** Yury K. Kryschenko, Ron Caple, Willianm Smit. Four-components Coupling based on the Sequence of Ad $_E$ Reac ons involving arylsulfenylchloride, two alkyl ethers and silicon containing pi-donors a method for the prepara on of polyfunc onal compounds. Izv. **Acad. Nauk. Ser. Khim. 1998.**
8. **Hayford, A,** Mark Lovdahl, Margarita L. Lazareva, Yury K. Kryschenko, Johnson, T.; Alexender D. Dilman, Irina P. Smoliakova, Ron Caple, William A. Smit. Trimethylsilyl Deriva ves as Final Nucleophiles In the Tandem Sequence of an ArSCl Ini ated AdE Reac on Resul ng in the synthesis of Polyfunc onal Compounds. **Mendeleev Communica on, 1997, 2,**

Professional Organiza ons:

1988-Present: American Chemical Society (ACS) 1988-Present

1987-1997 Na onal Organiza on for the Professional Advancement of Black Chemists and Chemical Engineers.

HONORS AND AWARDS

2013 ACS Entrepreneurial Inia ve (ERC) FastTrac. TechVenture Award

2012 ACS-PRF Summer Research Faculty, Ball State University, Muncie, IN

1994 Camille and Henry Dreyfus Postdoctoral Award