GEORGIA SECTION

MEETING Announcement

ACS Chemistry for Life™

Tuesday, May 19th, 2015

Percy Julian Award Dinner

with a presentation by

Dr. James Grainger
"Modulating the Cycle of Time"

Location:

Mercer University
Trustees Dining Room
3001 Mercer University Dr.
Atlanta, GA 30341

Directions: **Click Here**
Campus Map: Click here

Tuesday, May 19th, 2015

6:00 pm Meet and mingle (beer and wine included)
6:30 pm Dinner
7:20 pm Awards Program
7:50 pm Speaker

Menu: Buffet

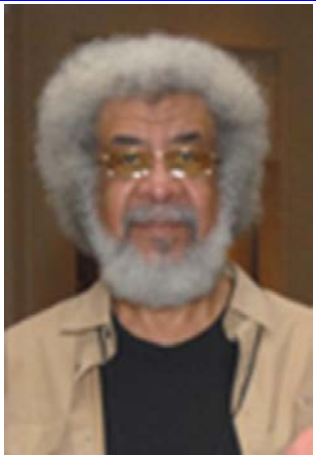
Garden salad, rolls and butter, spinach artichoke chicken, jumbo lump crab cakes, polenta veggie stacks, garlic infused rice, roasted veggies, fruit tarts, pecan tarts, chocolate mousse pyramids

**iced tea, beer, wine and water are included

RSVP by 4:00 pm on 15 May 2015
at http://goo.gl/eHfsZ1

Price:
$35 regular; $25 retired current ACS members and K-12 teachers, $15 students

Payment: *At the door*
Cash, credit card, or
check to: "Georgia Section ACS"
***Note:* If you make a reservation and then do not attend, you will be charged for the meal as we have to guarantee the number of meals.**



Dr. James Grainger

Former Chief of the PAH Adducts Laboratory, Centers for Disease Control and Prevention

Dr. James Grainger retired from CDC in 2011 after 28 years in the Division of Laboratory Sciences. He earned a chemistry bachelor's degree from South Carolina State College in 1966, and following two years in the military (Viet Nam era/South Korea), received a master's degree in physical/organic chemistry (Matrix Isolation ESR of Unstable Species) at Atlanta University. Following 2 years at UC Berkeley, and 5 years at Dow Chemical (patent for Di-isocyanate monomer synthesis from phosgene) in Walnut Creek/Pittsburg, California, he earned a PhD in polymer/organic chemistry (Synthesis/Characterization of Liquid Crystalline Block Co-polyamides) from Atlanta University, joining CDC in 1983 as a research chemist. Isomer assignment uncertainties led to development of a quantitative theoretical/empirical predictive model for isomer identification and for

molecular geometry approximations for 74 chlorinated dibenzo-p-dioxin congeners using orthogonal spectroscopic (FTIR/ matrix isolation FTIR and 13C NMR) techniques. He later became Laboratory Chief for the Emerging Technologies Group which developed and applied capillary electrophoresis/CD-MEKC, comprehensive 2DGC and hyphenated separation techniques for toxicant analyte/biomarker determinations, which segued into development of the initial PAH hydroxy-metabolite method at CDC. James also worked as adjunct chemistry faculty at Spelman College for 18 years, developing an interdisciplinary chemistry course integrating mathematics and physical science concepts originating in five river civilizations with art history from the Ice Age to the Iron Age, while serving as Southeast Regional Chair of NOBCChE for 15 years. He became Chief of the PAH Adducts Laboratory, generating multi-analyte isotope dilution GC/HRMS methods and publications for quantitative determination of all four BaP tetrol isomers from hemoglobin and albumin adducts. During his CDC tenure he mentored approximately 70 undergraduates, graduate students and young professionals from five continents and co-authored 70 publications. He continues to pursue an array of diverse interests - travel, family and friends, art, ancient history, art history, eastern/western astrology correlations and elevating his pool game as his grandchildren's schedules allow.

"Modulating the Cycle of Time"

Abstract: Modulating the Cycle of Time is a visual presentation with a structured focus on developing and maximizing one's potential through realistic assessments of identity, goals, and projecting personal strengths to impact dynamic targeted domains. Beyond technical excellence, important personal evolution factors involving social skills, understanding historical context, networking across cultural boundaries, examining and referencing personally unexplored disciplines, and developing negotiation skills are addressed. The professional trajectory of Percy Julian's career is presented as illustrative of successful time cycle modulation.
