



GEORGIA SECTION

MEETING Announcement



Tuesday, February 28, 2017

Dr. Willie Pearson

“Black male baccalaureate degree recipients in science and engineering: Myths and realities”

Location:

**Gordon Biersch, 848 Peachtree Street, NE
Midtown, Atlanta, GA 30308**

Directions: [Click Here](#)

6:30 pm Meet and mingle (CASH BAR)

7:00 pm Dinner

8:00 pm Speaker

Menu:

Salad: Baby greens tossed in Märzen vinaigrette.

Select One Entrée:

1. Linguini primavera (crimini & button mushrooms and snap peas sautéed with fresh garlic. Tossed with balsamic vinegar, house made garlic butter, red & yellow tomatoes and linguini. Topped with feta cheese and fresh basil).

2. Bruschetta chicken (grilled chicken served over your choice of brown rice pilaf or linguini. Topped with bruschetta tomatoes, fresh mozzarella, basil and Märzen vinaigrette. Served with grilled seasoned vegetables).

3. Traditional sausage platter (three Märzen-simmered bratwursts, grilled, skewered and served with sauerkraut & bacon potato croquettes and braised red cabbage. Accompanied by our Märzen mustard and Gordon Biersch pub sauce).

Dessert:

Warm apple bread pudding with pecans and whiskey sauce. Served with vanilla ice cream.

Triple chocolate brownie over caramel and chocolate

(Includes unlimited coffee, tea and fountain sodas. Alcohol purchases will be billed individually)

RSVP by 5:00 pm on Friday, Feb. 24th, 2017 at <https://goo.gl/i2EKwt>

Price: \$40 regular; \$30 retired, current ACS members and K-12 teachers, \$20 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. Willie Pearson

“Black male baccalaureate degree recipients in science and engineering: Myths and realities”

ABSTRACT: *In the last two decades there has been increasing speculation regarding a precipitous decline in the number and percent of science and engineering baccalaureate degrees awarded Blacks by U.S. colleges and universities. Frequently, the conversations are more general than field specific. Moreover, gender trends in graduation rates at HBCUs raise concern about the status of Black males in science and engineering. Drawing on data collected by the National Center for Science and Engineering Statistics, the presentation explores decadal trends in science and engineering baccalaureate degrees awarded by field to Black males.*

BIO: Willie Pearson, Jr. is Professor of Sociology, School of History, Technology, and Society, Georgia Institute of Technology. Prior to joining the faculty at Georgia Tech as Chair, School of History, Technology and Society in July 2001, he held a distinguished appointment as Wake Forest Professor of Sociology at Wake Forest University and Adjunct in Medical Education at Wake Forest University School of Medicine. Dr. Pearson received his Ph.D. in sociology from Southern Illinois University at Carbondale in 1981. He has



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held postdoctoral fellowships at the Educational Testing Services (ETS) and the Office of Technology Assessment (OTA), Congress of the United States. In 1993, he received Southern Illinois University's College of Liberal Arts' Alumni Achievement Award. In 1999, Dr. Pearson was selected as one of Quality Education for Minorities in Mathematics, Science, and Engineering (QEM/MSE) Network's Giants in Science. In 2001, he was elected a National Associate (life-time appointment) of the National Academy of Sciences. From 2001 to 2002, he served as a Sigma Xi Distinguished Lecturer. In 2005, Dr. Pearson was elected as an American Association for the Advancement of Sciences (AAAS) Fellow. In 2010, he was appointed by President Barak Obama to the Presidential Board of Advisors (PBA) to the White House Initiative on Historically Black Colleges and Universities. He was re-appointed to the PBA and served until of President Obama's second term.

Most of Dr. Pearson's research has centered on the career patterns of Ph.D. scientists - particularly African Americans and human resource issues in science and engineering both in the national and international contexts. His publications include numerous articles in refereed journals and chapters. He is the author and co-author of ten books and monographs, including *Black Scientists, White Society and Colorless Science: A Study of Universalism in American Science* (1985), *Blacks, Education and American Science* (1989), *Who Will Do Science?: Educating the Next Generation* (1994), *The Role and Activities of American Graduate Schools in Recreating, Enrolling and Retaining United States Black and Hispanic Students* (2000), *Scientists and Engineering the New Millennium: Renewing the Human Resources* (2001), *Beyond Small Numbers: Voices of African American Ph.D. Chemists* (2004), *Addressing the Diminishing Proportions of Black Males in Higher Education* (2009), *Black Males and Higher Education: Research, Programs and Academe* (2009), *Advancing Women in Science: An International Perspective* (2015), and *Changing the Face of Engineering: The African American Experience* (2015). He served as Associate Editor of *Contemporary Sociology*, *American Sociological Association* (1987-91). Dr. Pearson serves or has served on the editorial boards of *Sociological Spectrum*; *Science, Technology and Human*

Values; Science and Engineering Ethics and Educational Evaluation and Policy Analysis.

Dr. Pearson serves or has served on committees, advisory boards and panels at the National Institutes of Health, National Science Foundation, American Chemical Society, American Association for the Advancement of Science, Burroughs Wellcome Fund, Graduate Records Examination Board, Sloan Foundation, American Sociological Association, Sigma XI and the National Research Council. He was elected president of the Mid-South Sociological Association (1987); a member of the Executive Council, American Sociological Association's Section on Science, Knowledge and Technology (1989-91); and a Governor of the National Conferences on Undergraduate Research (1994-2000).

Dr. Pearson has always valued teaching, research and community service. He has successfully mentored numerous undergraduate research assistants (over 97 percent have advanced degrees). During his career, he has been the recipient of community service, teaching, mentor and research awards. Dr. Pearson has served on advisory boards, board of directors and/or committees of several community organizations.