

15th Annual
National Conference of Black Physics Students
Stanford University
March 29 – April 1, 2001

NCBPS: A SPECTRUM OF STARS IN FORMATION

Day One – Thursday, March 29

- 8:30am – 5:00pm Information/Registration - Sheraton Hotel
- 12:00pm – 10:00pm Students arrive throughout the day
- 11:00am Box lunches Sheraton Hotel – Justine Room
- 12:30pm Transportation to Stanford
- 1:00pm – 3:00pm Stanford Lab Tours
- “African American Presence in Physics” Exhibit
TC SEQ Lobby (Teaching Center)
 - Campus Tours
 - Physics Explorama – Varian Physics Lab
- 3:00pm Transportation to SLAC
- 3:30pm – 5:45pm SLAC Tours
- Klystron Gallery
 - Collider Hall
 - Hill Top
 - SSRL
- 5:15pm Shuttle Bus from hotels to SLAC – Top of the Hill
- 6:00pm – 6:30pm Opening General Session – SLAC Auditorium
Dr. Art Walker – Professor of Physics & Applied Physics
Dr. Jonathan Dorfan, Director
Dr. Keith Hodgson, Associate Director
- 6:30pm - 8:00pm Opening Reception Barbecue - SLAC
- 8:00pm Transportation to Hotels and/or to Stanford Student Observatory
- 8:15pm– 9:30pm Stanford Student Observatory Tour– sign up necessary

Day Two - Friday, March 30

- 7:00am Transportation to Stanford - Tresidder Hall
- 7:30am – 5:30pm Registration – Laurel Room
- 7:30am - Noon Recruiters set up – Tresidder Hall – Oak Lounge
- 7:30am – 8:30am Breakfast – Tresidder Cafe
- 9:00am – 9:30am Welcome - TC SEQ (Teaching Center) – Rm. 200
Dr. Art Walker – Professor of Physics & Applied Physics
Dr. John Etchemendy, Provost
Dr. Malcolm Beasley, Dean of Humanities and Science
Dr. Steven Chu, Chair of Physics
Dr. Kathryn Moler, Professor of Applied Physics
- 9:30am - 10:30am General Session – TC SEQ (Teaching Center) – Rm. 200
“The Black Experience In Physics”
Moderator: Nadya Mason, Graduate Student Stanford University
- Panelists:
Dr. Beth Brown, NASA Goddard Space Flight Center
Dr. Deborah Jackson, JPL
Dr. Charlie Harper, Cal State Hayward
Dr. Ron Mickens, Clark Atlanta
Dr. Pete Bragg, Professor Emeritus, UC Berkeley
- 10:30am – 10:45am Break
- 10:45am – 12:30pm Breakouts
Session I – Undergraduate – TC SEQ (Teaching Center) Rm. 201
“Plotting Your Strategy”
- Dealing with admissions the application process
 - Grades
 - Personal statement
 - Recommendations
 - Obtaining Fellowships/Summer Research Experience
 - Funding, Financial Aid, Fellowships and more
- Moderator: Dr. Hakeem Oluseyi, Applied Materials
- Panelists:
Dr. Pat Burchat, Stanford
Dr. Sekazi Mtingwa, NC A&T
Dr. Lyn Randolph, NASA
Alphonse Loper, Grad Student, Univ. of Pennsylvania

Session II – Graduate – TC SEQ (Teaching Center) Rm. 102
“Grad Life”

- Staying motivated
- Choosing advisors
- Getting money
- Networking

Moderator: Lynford Goddard, Graduate Student Stanford University

Panelists:

Darnell Diggs, Grad Student, Alabama A&M University

Dr. Anthony Johnson, Department Chair, NJ IT

Dr. Steve Richardson, Professor Howard University

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| 1:00pm – 2:15pm | Lunch – Burnham Pavilion Gym
“Physics Opportunities at National Science Foundation”

Keynote: Dr. Thomas A. Weber, Division Director for the
Division of Material Research National Science Foundation |
| 2:30pm - 5:30pm | Recruitment Session – Tresidder Hall – Oak Lounge |
| 3:30pm | Bus leaves for Applied Materials |
| 4:00pm – 5:30pm | Stanford Lab Tours |
| 5:45pm - | Bus returns to Hotel |
| 5:45pm - 7:00pm | Free time |
| 7:00pm | Bus returns from Applied Materials |
| 7:15pm | Bus leaves for Crowne Plaza Hotel |
| 7:30 - 9:00pm | Society Awards Banquet - Crowne Plaza – Banquet Hall
Dr. Sidney Drell, Professor Emeritus, Stanford and Director
Emeritus SLAC |
| 9:15pm | Bus leaves for Sheraton Hotel |
| 9:30pm - 11:00pm | Sheraton Hotel
“Holding Onto Atoms & Bio-molecules with Laser Beams”
Dr. Steve Chu, Nobel Laureate, Stanford |

Day Three – Saturday, March, 31 2001

- 8:00am - Bus leaves for Stanford
- 8:30am Students set up Posters - Tresidder Lobby
- 8:30am – 5:00pm Registration - Laurel
- 8:45am – 9:45am Breakfast – Tresidder Cafe
- 10:00am – 11:30am Breakouts (Tresidder)
Session I – Undergraduate– Oak East
“Graduate School Life”
- Qualifying exams
 - Classes
 - Research
 - Social life
- Panelists
Brian Freelon, Graduate Student, Univ of Michigan
Fred Hall, IV, Graduate Student, Univ of Alaska
Dr. Dan Smith, South Carolina State University
Dr. Michael Williams, Clark Atlanta University
- 10:00am – 11:30am Session II– Graduate - Oak West
“Careers In Physics”
- Panelists:
Dr. Ken Brown, JPL
Dr. Kennedy Reed, Lawrence Livermore Lab
Dr. Carl Rouse
Dr. David Beam, Consultant
- Noon - 12:30pm Encina Hall Stairs - CONFERENCE PHOTO
- 10:30am TC SEQ (Teaching Center)
Local High School Students arrive on campus
- 11:00am - 12:00noon High School Students –TC SEQ (Teaching Center) 200
Marlon Evans, Stanford Admissions
Hakeem Oluseyi, Applied Materials
- 12:30pm - 1:30pm Lunch – Burnham Pavilion Gym
Keynote:
Enectali Figueroa-Feliciano, Laboratory for High Energy
Astrophysics, NASA

- 1:45pm – 2:45pm Physics Is Phun – TC SEQ (Teaching Center) 200
Dr. Doug Osheroff, Nobel Laureate, Stanford
- 3:00pm - 4:00pm High Schools Tour Physics Labs
- 1:45pm - 3:00pm Technical Presentations (20) (Tresidder)
 #1 Cypress North
 #2 Cypress South
 #3 Oak East
 #4 Oak West
- 3:15pm - 5:00pm Poster Session – Tresidder Lounge
- 5:15pm Transport back to hotel
- 5:30pm - 7:00pm Free Time
- 7:00pm - 9:00pm Edward Bouchet Awards Banquet -- Sheraton Hotel
Keynote
• Dr. James Gates, University of Maryland
- 9:15pm Students turn in Conference Evaluation sheet
pick up Conference t-shirt
- 9:30pm – 12:00am NCBPS Student Party @ Sheraton Hotel
- 9:30pm – 1:00am Shuttle service to Crowne Plaza and Hyatt

Day Four- Sunday, April 1

- 5:00am Transportation to Airport Begins
-Student & Society Conference Ends
- 10:00am – 1:pm Stanford Graduate Physicists Reunion Brunch
Gold Room Faculty Club Stanford

03/28/01