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

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

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**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

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03/28/01