

**National Society of Black Physicists
XXVIII Day of Scientific Lectures
Stanford University
March 28 – April 1, 2001
“New Vistas in Physics”**

Day One – Thursday, March 29

8:30am – 5:00pm Information/Registration @ hotel

8:00am– 10:00pm Society arrive throughout the day

12:30pm Transportation to Stanford

1:00pm – 3:00pm Session #1 – Teaching Center –Rm. 201

Topic: National Facilities For Physics Research

Session Chair: Earl Shaw

- 1) Lewis Johnson, Ph.D. – Free Electron Lasers**
- 2) Thorton Glover, Ph.D. _ Femtosecond Sources of X-rays**
- 3) Wendel Hill, Ph.D.**
- 4) Clifford Johnson, Ph.D.**

3:00pm Break

**3:30pm – 4:00pm State of the Society – Charles McGruder
Teaching Center- Rm. 201 (Isabella)**

**4:30pm – 5:30pm NSBP Business Meeting - Charles McGruder
Teaching Center -Rm. 201**

5:30pm – 6:00pm Transport to SLAC

**6:00pm – 6:30pm Opening General Session – SLAC
Auditorium**

6:30pm - 8:00pm Welcome Reception – SLAC

8:00pm Transportation to hotels

Day Two - Friday, March 30
8:00am - 5:00pm Information/Registration Stanford
Tresidder Union

7:30am Transportation to Stanford

8:00am – 9:00am Breakfast – Tresidder Union

9:00am - 10:00am Session #2 – Tresidder Union –Cypress Room

Topic: “Bio Physics Research in advanced Medical Imaging”

Session Chair: Lawrence Norris

Presenters

1) Nola Hylton, Ph.D.

2) John A. Viator, Ph.D.

10:00am – 10:30am Break – TC Lobby

10:30am – 12 noon Session #3 Tresidder Hall –Cypress Room

Topic: “Bio Physics- Clinical Research

Session Chair:

Presenters

1) Dr. Mack Roach III

2) Steven Mayo, Ph.D.

**12:30 – 1:30pm Lunch jointly with the NCBPS Tresidder
Union - Oak Lounge**

Keynote: TBD

2:00pm - 2:45pm Session #4 Cypress

Topic: – Alternative Career Paths in Physics

Session Chair:

Presenters

1) NIH Speaker

2)) David Bean, Ph.D.

2:45 – 5:30pm Session 5 – Cypress

Topic: “Astronomy and Astro Physics”

Session Chair: Hakeem Oluseyi

Presenters:

- 1) Carolyn Ng, Ph.D.
- 2) Charles McGruder, Ph.D.

3:30pm – 3:45 Break – Oak East

3:45pm - 5:30pm

“Astronomy and Astro Physics” (Session 5 continued)

- 3) Eric Wilcots, Ph.D.
- 4) Jarita Holbrook, Ph.D.
- 5) Ray O'Neal, Ph.D.

5:30pm - Transportation to Hotels

6:30pm - 7:30pm Cocktails Crowne Plaza

**7:30 - 9:30pm Society Awards Banquet w/NCBPS @
Crowne Plaza**

**Keynote Speaker Dr. Sidney Drell Professor Emertius
Stanford and Director Emertius SLAC**

Day Three – Saturday March, 31 2001

8:30am – 5:00pm Conference Command Center – Laurel

8:15am - Transportation to Stanford

**8:45am - 10:00am Breakfast – Tresidder Union
w/speaker**

10:30am – 11:45am Session #6- Teaching Center Rm. 201

Topic: “Physics Program Development”

Session Chair:

Presenters

- 1) FAMU Graduate Program in Physics
- 2) Ravi Lal Graduate Program at Alabama A&M
- 3) Lenny Susskind summer school of physics in South Africa

Noon - 12:30pm CONFERENCE PHOTO w/NCBPS

**12:30pm - 1:30pm Lunch w/keynote – Burnham Pavilion
Gym**

Keynote: TBC

2:00pm – 3:30pm Session #7 - Teaching Center Rm. 201

Topic: “Vistas in Computational Physics”

Session Chair: Tony Drummond

Presenters:

- 1) Marcus Alfred**
- 2) Prof. William Lester**
- 3) Dr. Donald Frederick**
- 4) Prof. Roscoe Gilles**

3:30pm –3:45pm Break

3:45pm – 5:00pm Session 8 – Teaching Center Rm. 201

Topic: “Photonics Research”

Session Chair:

Presenters:

- 1) Debra Jackson**
- 2) Robert Thornton**
- 3) Donald Lyons**

5:15pm Transportation back to hotel

5:30pm - 7:00pm Free Time

**7:00pm - 9:00pm NCBPS Edward Bouchet Awards Banquet
- Sheraton Hotel**

Kenote: TBC

**9:15pm Students turn in Conference Evaluation Sheets
and Pick up Conference t-shirt**

9:30pm – 1:00am NCBPS Student Party @ Sheraton Hotel

**9:30pm - Midnite NCBPS Hospitality Suite
Recruiters, Faculty, Speakers**

Day Four- Sunday, April 1,

5:00am Transportation to Airport Begins

Student & Society Conference Ends

**10:00am – 1:00pm Stanford Graduate Physicist Reunion Brunch
Faculty Club Stanford**