

George H.W. Bush Presidential Library and Museum

Education Department presents

Texas A&M University Chemistry Roadshow

and

The Power of Medical Research

By Dr. Jim Pennington



Throughout their lives President and Mrs. Bush supported and encouraged medical research involving chemistry to find cures for cancer.

Join us for this STEM learning experience from Texas A&M University! It will ignite imaginations and engage students using chemistry demonstrations with fire, explosions, weird polymers, and super cold materials.

Chemistry contributes to medical education and is the foundation on which the human body functions. It is the key to life and the foundation for scientific research.

DATE:

THURSDAY

Oct. 24,

2019

TIME(S)

10:30 – 11:30 A.M. CDT

Please be seated by 10:20 A.M.

12:30 – 1:30 P.M.

Please be seated by 12:20 P.M.

GRADES:

All Grades

LOCATION:

**Annenberg Presidential
Conference Center**

COST:

**FREE – Ask about bus
reimbursement options!**

ON-SITE REGISTRATION:

Bush.Education@nara.gov

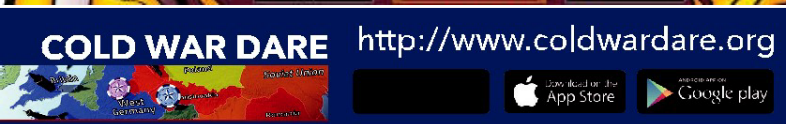
979.691.4006

DISTANCE LEARNING REGISTRATION:

www.connect2texas.net

Stay at your school and connect online: Select Video Conference or Recording

When registering for on-site, Frymire Auditorium seating is done first. Should it fill, you will be seated in the Hagler Auditorium. Before or after the program the presenter will talk in the Hagler Auditorium as the program is shown on its large screen.





TEKS

SCIENCE

Grade 2: 1a, 1b, 2a, 3b, 3c, 5a, 5b, 5c, 5d

Grade 3: 1a, 2a, 3a, 3d, 5a, 5c, 5d, 6a

Grade 4: 1a, 3a, 3d, 5a, 5b, 5c

Grade 5: 1a, 2f, 3a, 3d, 5a, 5b, 5c, 5d, 6a

Grade 6: 1a, 2a, 2b, 3a, 3c, 5d

Grade 7: 1a, 2e, 3a, 3c, 3d, 6a

Grade 8: 1a, 2e, 3a, 3c, 3d, 5e, 6c

BIOLOGY

1a, 2a, 2b, 3a

CHEMISTRY

1a, 1b, 2a, 2b, 2d, 3a, 3e, 3f, 4a, 4c, 10a, 10b, 11, 11a, 11b

IBC

1a, 2a, 2e, 3a, 3d, 3e, 7a, 7c, 7d



NATIONAL STANDARDS

- Measure, collect and organize
- Explore chance
- Recognize and describe patterns
- Use variables to express relationships
- Develop skills of estimation and judgement

- Represent situations verbally
- Use estimations
- Identify and use functional relationships
- Create experimental and theoretical models of situations involving probabilities