

# schedule of events

**Friday, April 20, 2012**

- 8:30 a.m. to 4:15 p.m.    **Registration**    *Wallace Hall first floor hallway*
- 10 a.m.    **Welcome**    *Wallace Hall Auditorium*  
 Welcome and overview  
**Dr. Jan Taylor**, Director of Research Programs, W.Va. Higher Education Policy  
 Commission Division of Science and Research  
**Dr. Jason Best**, Incoming President, West Virginia Academy of Science
- Welcome to West Virginia State University  
**Dr. Hazo Carter, Jr.**, President  
**Dr. Orlando McMeans**, Dean and Director,  
 Gus R. Douglass Land Grant Institute
- Opening remarks  
**Dr. Paul Hill**, Chancellor  
 West Virginia Higher Education Policy Commission
- 10:15 a.m. to 11:30 a.m.    **STaR Panel 1:**    *Wallace Hall Auditorium*  
**West Virginia biotech start up success stories.**  
 Recent start-ups turned successful companies who have developed and  
 commercialized new products in West Virginia.  
 Moderator: **Lindsay Emery**, West Virginia University Office of Research & Economic Development  
 • **Matthew Powell**, Protea Biosciences  
 • **Justin Swick**, Engineering Director, Vandalia Research  
 • **Richard Niles**, Ph.D., President, Progenesis Technologies  
 • **Jamie Miller**, Ph.D., Chief Scientific Officer, TRAX Bio Discovery
- 11:30 a.m. to 1 p.m.    *Lunch – on your own (WVSU Cafeteria or attendee's choice)*
- 12:15 p.m. – 12:50 p.m.    Optional guided tour of Gus R. Douglass Institute facilities.  
 Gather in front of Hamblin Hall.
- 12:15 p.m. to 12:45 p.m.    Judges for Poster Presentations and Oral Sessions meet.    *Hamblin Hall, Room 002*
- 1 p.m. to 2:30 p.m.    **STaR Panel 2:**    *Wallace Hall Auditorium*  
**Transforming your discovery into a successful product.**  
 How to transform an idea from the research laboratory into a successful  
 business.  
 Moderator: **Anne Barth**, TechConnect WV  
 • **Chris Kolanko**, Ph.D., Associate Professor, WVU College of Engineering,  
 co-founder of Eyemarker  
 • **Gary Morris**, Ph.D., Professor, WVU Mechanical and Aerospace Engineering;  
 Office of Technology Transfer Patent Agent  
 • **Rich Overmoyer**, CEO, Fourth Economy Consulting  
 • **Ryan Wall**, Director, Innovation & Entrepreneurship Center,  
 Wheeling Jesuit University

**4 STaR SYMPOSIUM 2012**

**Friday, April 20, 2012 continued**

2 p.m. to 4:15 p.m. **Concurrent Poster Session 1** *Hamblin Hall, Floors 1, 2 and 3*  
 See Poster List, page 22, for presenter locations.

2:30 p.m. to 2:45 p.m. **Break**

2:45 p.m. to 4 p.m. **STaR Panel 3:** *Wallace Hall Auditorium*  
**Government and civic groups available to help.**

How the state of West Virginia and public/private partnerships work to support and promote start-ups and grow in-state businesses.

Moderator **Charlotte Weber**, Robert C. Byrd Institute for Advanced Flexible Manufacturing

- **Natalie Tennant**, West Virginia Secretary of State
- **Emma Wilson**, Manager, Charleston branch, U.S. Small Business Administration
- **Anne Cavalier**, Ed.D. U.S., West Virginia Representative, U.S. Economic Development Authority
- **Ron Basini**, President, West Virginia Angel Investment Network

4 p.m. to 4:15 p.m. **Break**

4:15 p.m. to 5:15 p.m. **Keynote Presentation** *Wallace Hall Auditorium*  
 Introduction by **Dr. Jason Best**, Professor of Astronomy and Astrophysics; Director, Shepherd University Observatory  
**B. Gentry Lee**, Chief Engineer, Solar System Exploration, NASA Jet Propulsion Laboratory, "A Vision of the 21st Century."

5:15: p.m. to 6:30 p.m. **Reception** *Erickson Alumni Center*

6:30 p.m. **Dinner on your own**  
 Optional dinner at Quarrier Diner (advanced sign up required)  
*West Virginia's Kanawha Valley: Birthplace of the Modern Chemical Industry*  
 with local historian Stan Bumgardner

7 p.m. **WVAS Executive Committee meeting** *Hamblin Hall, Room 002*

**Saturday, April 21, 2012**

8 a.m. to 1 p.m. **Registration** *Wallace Hall Lobby until 10:30 a.m.*  
*Hamblin Hall Lobby from 10:30 a.m. until 1 p.m.*

8:30 a.m. **Judges meet** *Hamblin Hall, Room 005*

9 a.m. **Welcome and day's overview** *Wallace Hall Auditorium*  
**Dr. Jan Taylor**, Director of Research Programs, HEPC Division of Science and Research  
**Dr. Rich Ford**, West Virginia Academy of Science  
**Dr. R. Charles Byers**, Provost and Vice President for Academic Affairs  
 West Virginia State University  
**Dr. Orlando McMeans**, Dean and Director, Gus R. Douglass Institute  
 West Virginia State University

- 9:15 a.m. to 10:15 a.m. **STaR Panel 4:** *Wallace Hall Auditorium*  
**Research Funding Opportunities within West Virginia.**  
 Panel presentation to inform students and rising scientists of the competitive research programs available.
- **Jan Taylor**, Ph.D., Director of Research Programs, WV Higher Education Policy Commission, Division of Science and Research, on the National Science Foundation's EPSCOR program and state-funded programs.
  - **Donald Primerano**, Ph.D., Robert C. Byrd Biotechnology Center, Joan C. Edwards School of Medicine, Marshall University, to discuss National Institutes of Health funded IDeA Network of Biomedical Research Excellence (INBRE).
  - **Majid Jaridi**, Ph.D., Director of NASA West Virginia Space Grant Consortium to discuss NASA EPSCoR and Space Grant opportunities.
- 10:15 a.m. to 10:30 a.m. **Break**
- 10:30 a.m. to Noon **Keynote Speakers** *Wallace Hall Auditorium*
- **Paul L. Hill**, Ph.D., Chancellor, W.Va. Higher Education Policy Commission
  - **Jay Rockefeller**, U.S. Senator
  - **Subra Suresh**, Ph.D., Director, National Science Foundation
- Noon to 1 p.m. **Lunch on your own**
- 1 p.m. to 3 p.m. **Oral Sessions 1-12** *Hamblin Hall*  
 Sessions begin at 15 minute intervals.  
 See Oral Sessions List, page 17, for presenter times and locations.
- 1:30 p.m. to 4 p.m. **Concurrent Poster Session 2** *Hamblin Hall, Floors 1, 2 and 3*  
 See Poster List, page 25 for locations.
- 3 p.m. to 4:00 p.m. Optional guided tour of Gus R. Douglass Institute facilities.  
 Gather in front of Hamblin Hall.
- 3 p.m. to 3:30 p.m. **WVAS business meeting** *Hamblin Hall, Room 005*
- 3 p.m. to 3:45 p.m. **Judges meet** *Hamblin Hall, Room 002*
- 4 p.m. **Awards ceremony and closing** *Hamblin Hall Auditorium*  
**Dr. Jan Taylor**  
**Dr. Rich Ford, Dr. Katherine Harper**, West Virginia State University  
**Jack Carpenter**, Kicking Stones Consulting
- Teacher of the Year Award
  - High-Performance Computational Resources Student Competition Awards
  - Oral presentations and posters