# Conference on Higher Education Pedagogy @ VT

*The Inn at Virginia Tech and the Skelton Conference Center*

*Wednesday, February 18, 2009*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event/Location</th>
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<tbody>
<tr>
<td>8:30 a.m.</td>
<td>Welcome</td>
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<tr>
<td>8:55 a.m.</td>
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<td>8:55 a.m.</td>
<td>Scholarship of Teaching and Learning Awards</td>
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<tr>
<td>9:00 a.m.</td>
<td>Opening Remarks</td>
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<tr>
<td>9:00 a.m.</td>
<td>Keynote Introduction</td>
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<tr>
<td>10:00 a.m.</td>
<td>Opening Keynote Address</td>
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## Welcome

Peter Doolittle, *Director, Center for Excellence in Undergraduate Teaching*

## Scholarship of Teaching and Learning Awards

Peter Doolittle, *Director, Center for Excellence in Undergraduate Teaching*

## Opening Remarks

Daniel Wubah, *Vice President and Dean for Undergraduate Education*

## Keynote Introduction

Jim Dubinsky, *Director, Center for Student Engagement and Community Partnerships*

## Opening Keynote Address

Randy Bass

*Responding to the Challenge of Invisible Learning*

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<tr>
<th>Draper’s Meadow</th>
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<td>10:15 a.m.</td>
<td>Moving Beyond Plain Old Access: Preparing Five International Transfer Students for Academic Excellence</td>
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<td>Guilbaud, P; Raab, R</td>
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<td>10:15 a.m.</td>
<td>Pulling from a New Bag of Tricks: Ideas for Creating Engaging Writing Assignments</td>
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<td>Hetteche, M</td>
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<td>10:15 a.m.</td>
<td>Defining Disciplines and Transgressing Boundaries</td>
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<td>Monahan Watson, J; Henderson, J</td>
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<td>10:15 a.m.</td>
<td>Student Team Collaborate to Design an Assessment Based Electronic Portfolio</td>
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<td>Clark, S; Bailey, J; Holmes, A; Hendricks, M, Willis, G; Griffin, E; Eskew, A, Goff, A; Zaldivar, M.</td>
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<td>10:15 a.m.</td>
<td>Teaching Engineering Material with a Tablet PC</td>
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<td>10:15 a.m.</td>
<td>Best Practices in Education Program Development: Lesson Learned from the NSF Research Centers Program</td>
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<td>11:30 a.m. - 12:30 p.m.</td>
<td><em>The Book Project: New Strategies in Undergraduate Research and Student Engagement</em> Stephens, R; Barrow, M; Jones, K.</td>
<td><em>An Autoethnographic Perspective on Feminist Teaching</em> Allen, K.</td>
<td><em>Case Study Teaching as a Means to Improve Students’ Critical Thinking</em> Parkhurst, J; Murphy, B.</td>
<td><em>Effects of First Semester Mentoring for First General College Freshman</em> Shingles, R; Grene, R.</td>
<td><em>Improving Problem-Solving Self-Efficacy: Learning from Errors and Feedback</em> Hall, T</td>
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<td>12:30 p.m. - 2:00 p.m.</td>
<td><em>Evaluation of Teaching at Virginia Tech: An Empirical Analysis with Recommendations</em> Rateau, R; Kaufman, E; Kasparbauer, H; Casten, J</td>
<td><em>Debates as a Learning Tool: What is the Value?</em> Reaves, D</td>
<td><em>The Impact of Undergraduate Coursework on Academic Performance and Outcome Assessment of Student Effective Learning</em> Lee, J</td>
<td><em>Levels of Teacher Efficacy in College Applied Music Performance Teachers</em> Parkes, K</td>
<td><em>Creating a Model for Utilizing an Online Tutorial with Classroom Instruction to Improve Learning and Assessment</em> Guthrie, J; Mykerezi, P</td>
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**Poster Session and Lunch**
*(See Below for Posters)*

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<td>2:00 p.m. - 3:00 p.m.</td>
<td><em>A Dialogue about Research and Funding Opportunities in STEM Education at NSF</em> Wood, S</td>
<td><em>A Web-based Concept Mapping Tool and Its Use in Teaching</em> Fell, R; Brewster, C; Cline, B</td>
<td><em>The Art of Teaching: Using Acting Techniques in the Teaching/Learning Process</em> Justice, G</td>
<td><em>Making a Large Classroom Learner-Centered Through the Adaptation of Existing Case Studies</em> Karpanty, S; Murphy, B; Villamagna, A</td>
<td><em>Writing and Choice</em> Malbon, E.</td>
<td><em>The Teaching and Learning of Listening: A Survival Skill for First-Year Students</em> Jenkins, D; Jurek, N; Long, B; Preston, M</td>
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<td>3:10 p.m. - 3:15 p.m.</td>
<td><strong>Keynote Introduction</strong> Mary Ann Lewis, Associate Dean, College of Liberal Arts and Human Sciences</td>
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<td>3:15 p.m. - 4:15 p.m.</td>
<td><strong>Closing Keynote Address</strong> Joel Mintzes</td>
<td><em>Teaching Science for Understanding</em></td>
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</table>
1. *Beyond Bullet Points: Adding Animation, Music, and Videos to Your PowerPoint Lectures*  
   Alexander, M;  

2. *A Comparison of Writing Strategies and Multiple Choice*  
   Sherman, T; Abraham, J;  

3. *Using Student Competitions to Increase Learning Effectiveness: The Value of a Soil Judging Contest*  
   Galbraith, J;  

4. *Tablet PCs in General Chemistry*  
   Long, G; Bailey, C;  

5. *Teachers’ Perspectives in Education*  
   Nandi, S; Girish Kumar, V; Gwazdauskas, F;  

6. *Re-Imagining ePortfolios: Assessment and Reflection in a Time of Budget Cuts*  
   Metz, N; Zaldivar, M; Orchard-Hays, A; Laverdiere, C; Stitt, K; Hardwick, L; Ford, A; Stephanski, L; Davis, B; McCarthy, P;  

7. *Effect of an online mind-mapping program on student understanding of biology*  
   Buikema, A;  

8. *Contemplative Education*  
   Gambrel, L;  

9. *Principles of Biology Online*  
   Buikema, A; Rosenzweig, M;  

10. *Implementation of molecular techniques to introduce undergraduate students to principles in food microbiology, ecology and epidemiology*  
    Ponder, M; Sumner, S;  

11. *Teaching Political Dimensions of Children's Literature*  
    Stahl, J;  

12. *Wikipedia for teaching and learning in forestry*  
    Radtke, P; Stern, M;  

13. *Week Long Practicum Course to Teach Landscape Contracting Skills*  
    Niemiera, A; Roger, H;
   Lemons, M;

15. *Teaching Teaching Assistants to Teach*
   Weisband, E; Thomas, C;

   Good, D; McIntyre, C; Marchant, M;

17. *Active Learning in the Classroom: Using a Team-Based Learning Approach with Students*
   Kasperbauer, H; Kaufman, E;

18. *Intellectual Development Theory in English H1204*
   Moore, M;

19. *Profiling a Transdisciplinary Graduate Course in Professional Development for Community Cultural Development and Social Change*
   Stephenson Jr., M; Leonard, R; Lavender, P;

20. *Foundations of Epistemology: How Do Humans Know?*
   Ellerbrock, M;

21. *Architecture & Philosophy - Thoughts on Building*
   Breitschmid, M;

22. *Transforming Students from Aesthetic Consumers to Creators in Floral Design*
   McDaniel, A;

23. *Integration of field experiences with classroom work*
   Abaye, O; Zipper, C;

24. *Modeling Deliberative Democracy: Citizens and Experts*
   dudley, l;

25. *Exploring New Teaching Strategies for Classes with 100+ Students*
   Rankin, J;

26. *Making an Active Learning Approach More Active: Creating Educational Websites for Students by Students*
   Berkson, J; Murphy, B; McMullin, S;
27. Podcasting Steps in the Development of Competitive Reasons Supportive of Equine Evaluation Competitions and APSC 3724 at VA Tech
   McCann, J;

28. Creating Information Literate Students across the Curriculum
   Goldbeck, K; Merrill, M;

29. The ROXIE Project: Service Learning + Design in a First-Year Engineering Course
   Goff, R; Williams, C; Terpenny, J; Knott, T; Lo, J; Gilbert, K;

30. Mentoring Science Inquiry Among Children and Older Adults
   Fu, V; Wolf, L; Schepisi, I; Leventhal, J; Faas, C;

31. Identifying and Promoting Transformative Learning in Nonformal Education Environments
   Franz, N; Garst, B; Baughman, S; Smith, C;

32. Catalyzing Transformation: Conditions in Nonformal Educational Environments that Promote Change
   Franz, N; Garst, B; Baughman, S; Smith, C;

33. Information Literacy Skills Instruction: An Assessment
   Brians, C; Garaffa, T;

34. The National Writing Project at Virginia Tech: The 2009 Summer Institute
   Belanger, K; Murphy, A; Fisher, M;

35. Meeting Students Where They Are: Impacts of Changing Student Demographics on the Undergraduate Curriculum in Animal and Poultry Sciences
   Wood, C;

36. Inquiry Learning at the Undergraduate Level: Perceptions of science majors and non-science majors engaged in classroom-based research
   Alkaher, I; Dolan, E;

37. Use of extra-curricular activities to enhance instruction in landscape contracting curriculum.
   McDuffie, R;

38. Design Pedagogy and the Sovereignty of Learning
   Martin, S;

39. Ideation NXT
   Sharma, A;
40. *Active Classroom Peer Reviews*
   Quesenberry, P;

41. *Greenroof Practicum for VT and Canadian Students*
   Welbaum, G; Roger, H; Niemiera, A; Day, S;

42. *National Seed Science & Technology Distance Education Program*
   Welbaum, G; Welbaum, G;

43. *The Hahn Horticulture Garden at Virginia Tech: celebrating 25 years of engaging students*
   Scoggins, H;

44. *Community-Based Educators as Participant Observers in Adult Education: Gauging Engagement*
   Boyd, H; Goerlich, D; Bowen, E; Callen, S; Camm, K; Cox, B; Nester, E; White, M;

45. *Writing to Learn: Facilitating Critical Thinking and Problem Solving*
   McQuain, M; Smith, D;

46. *Incoming Freshman’s Socio-Economic Status and its Influence on Personal Epistemology*
   Walter, C;

47. *How does a Spanish class end up in the Horticulture Department?*
   Kraft, B;

48. *The Wood Enterprise Institute (WEI) Internship: A New Model to Foster Partnerships between Firms and Universities*
   Quesada-Pineda, H; Kline, E;

49. *Implementing Effective Strategies for Assessing Student Learning Using Mobile Technology Effectively*
   Tretola, B; Ahmed, H;

50. *Using Web-CAT for Learner-Centered Software Programming and Testing*
   Edwards, S; Kim, D; Tretola, B;

51. *Research Education Using a Community-based, Leadership Approach*
   Bump, M; Riffle, J; Martin, C;

52. *Personalizing Organic Chemistry for Relevance and Student Interest*
   Bump, M; Etzkorn, F;

53. *Increasing Assessment Effectiveness in a Time of Decreasing Budgets*
   Stanton, K;
54. *Center for Student Engagement and Community Partnerships*
   James-Deramo, M;

55. *Program Assessment Using Online Student Surveys and Other Measures for Continuous Improvement: A Longitudinal Case Study in Virginia Tech’s*
   Beex, I; De La Reelopez, J; Tretola, B;

56. *Earth Sustainability: Establishing a New Path for Learning*
   Drezek, K; Walter, C; Bekken, B;

57. *Assessment, Teach, & Learning: Connecting the Dots at Virginia Tech*
   Drezek, K;

58. *An Inter-Institutional Approach to Graduate Distance Learning*
   Lewis, R; Lockee, B; Ames, M; Betz, G;

59. *The Global Seminar: Improving Interactions and Building Learning Communities Globally and Locally*
   Sutphin, D; Zalud-Cerrato, S; Muller, J;

60. *The National Science Digital Library resources to enhance learning: lessons to learn from the CITIDEL and Ensemble pathways projects*
   Chen, Y; Fox, E;

61. *Collective Reflection and Interpretation of Theory through Collaborative Model Construction*
   Moore, D; Baughman, S; Drape, T; Hamm, J; Seibel, M;

62. *Digital Library Educational Module Development and Field-Testing Results from Virginia Tech*
   Yang, S; Fox, E; Wildemuth, B; Wildemuth, B; Oh, S; Pomerantz, J;

63. *The National Science Digital Library resources to enhance learning: lessons from CITIDEL and the Ensemble pathways project*
   Chen, Y; Fox, E; Steve, E; Shaffer, C;

64. *The Living In the KnowlEdge Society (LIKES) Community Building Project: Building Collaboration between Computing and Non-Computing Disciplines*
   Chung, W; Yang, S; Fox, E; Sheetz, S;