

SCHEDULE

THURSDAY, April 19, 2018

ORAL PRESENTATIONS

Session 0a: 4:30 p.m.-5:15 p.m.

Nichols Theatre, Student Center

- Tyrah Cobb-Davis and Elizabeth Exline, "Using Artificial Seagrass Beds to Study Restoration"
- Jane Zhou, "A Comparative Analysis of Science Education in National School Systems in China and America: When East Meets West in the Science Classroom"
- Ayla Hagen, "The Story of the Lynchburg Mill"

Session 0b: 4:30 p.m.-5:15 p.m.

Quillian Conference Room, Student Center

- Stephanie Quirk, "Freeze before you make that Xerox copy: An Investigation of the Use of iPad Technology as an Instructional Tool"
- Christina Cordell, "Religious Practices at Unity in the Seven Hills"
- Meagan Swithers, "Art Integration in the Classroom: Teach to your Arts' Content"

5:30 p.m.-6:30 p.m.

Wimberly Recital Hall, Presser Hall

KEYNOTE: *Hearing Beethoven*

Dr. Daniel Raessler, Charles A. Dana Professor of Music

ORAL PRESENTATIONS continued

[Ice Cream treats served 7:00 p.m.-8:00 p.m.]

Session 1a: 7:15 p.m.-8:30 p.m.

Nichols Theatre, Student Center

- Travis Byram, "Taking Daddy Issues on the Road: Presenting 'Father Figuring It Out' at the Sigma Tau Delta Convention"
- Tia Jones, "Read It and Write It Twice: The Effects of Active Silent Reading Instruction on Middle School Students' Writing"
- Jessica Lunsford, "How Modern Pagans Create Meaning on Tumblr"
- Adair Moore, "'Teaching is easy! As long as you use methods that work!' A Quantitative Study on Differentiated Instruction in Middle and High School Classrooms"
- Evan Sizemore, "Milton's spirit: Our guidance through freedom in Paradise Lost"

Session 1b: 7:15 p.m.-8:30 p.m.

Quillian Conference Room, Student Center

- Jamiko Allen-Hercules, "Mind the Gap: How Schools of Innovation are working to close the Achievement Gap"
- Zachary Zylstra, "An Island in an Ocean: Worship at Lynchburg's only Synagogue"

- Britnee Kratochvil, "Voices and Choices: Giving Students Choice in Reading"
- Sarah Grissom, "We're All in This Together: Incorporating Group Work in High School Mathematics"
- Jennifer Sanborn, "Welcome to the World of Writing: Incorporating Language Arts into Morning Meetings"

FRIDAY APRIL 20, 2018

SAS Luncheon (for confirmed guests) 11:50 a.m.-1:00 p.m.

ORAL PRESENTATIONS

Session 2a: 1:15 p.m.-2:30 p.m.

Nichols Theatre, Student Center

- Drucilla Williams, "Antioxidant Analysis of Herbal Teas Using Thin-Layer Chromatography"
- Ryan McDonald, "Inquiry or No Inquiry, That is the Question: An Action Research Study on Guided Inquiry-Based Instruction in Science Classrooms"
- Tristina Balsamo, "Is it Ethical to Change Someone Else's Core Beliefs by Transformative Experience?"
- George Atmore and Dung Nguyen, "Morality and Reach Perception as Bodily Reactions to Pain"
- Anna Smith, "Goodbye Social Media: An Analysis of Online Communication Behaviors"

Session 2b: 1:15 p.m.-2:30 p.m.

Quillian Conference Room, Student Center

- Sophia Dill, "Engineering Greek Theatrical Masks"
- Stuart Gossler, "The Future of Learning History"
- Miranda Hudson, "'Orokomono' at the Sigma Tau Delta Convention"
- Evie Goodson, "Scientists' Struggle: A Study on How Perceptions of Scientists Affect Students in the Physics Classroom"
- Lydia Hamd, "Validating the Absurd Transformative Experience"

BREAK (15 minutes)

ORAL PRESENTATIONS continued

Session 3a: 2:45 p.m. – 4:00 p.m.

Nichols Theatre, Student Center

- Allison Brooks, "Episodic Rainfall Event Nitrogen Load from the Blackwater Creek Watershed"
- Taylyn Soult, "'Small Talk' to Instant Messaging: The Evolution of Relationship Building in a Digital World"
- Seaver Sterling, "Ku Klux Konquest: The Rise of the Second Ku Klux Klan"
- Tetiana Poliakova, "The Effects of Housing Temperature and a High-Fructose Diet on Metabolic Parameters in Mice"

- Isabella Farias, "Mighty Mouse of Childhood to Rotten Rodent of Adulthood: How the Perception of the Walt Disney Animated Film Franchise Changes with Age"

- Shania Nowlin, "Going Down to New Orleans: Vodou, History and Heritage in the African Diaspora"
- Faith Powell, "Unchosen Transformative Experiences: The Value Behind the Label"
- Abigail Bodnar, "Genre Analysis of Boy Band Fan Art"

Session 3b: 2:45 p.m. – 4:00 p.m.

Quillian Conference Room, Student Center

- Molly Williams, "Stand Back, I'm Going to Try Science: Integrating Project-Based Learning into the Elementary Science Classroom"
- Eric Huber, "Felony Physics"

POSTER/EXHIBIT SESSION AND RECEPTION

4:15 p.m.- 5:15 p.m.

Hampson Commons | Enjoy some savory *hors d'oeuvres*

- P01. Marie Abowd, "The Rummage Room: Minimizing Solid Waste by Reusing and Repurposing Residential Items"
- P02. Katherine Biggs, "Avian Population Trends in Lynchburg, VA"
- P03. Katherine Biggs, "Learning Geographic Information Systems (GIS)"
- P04. Amber Darby, "Paint the Music"
- P05. Gavin Cook, "Punkin Chunkin' at Randolph College"
- P06. Kelsey Fastabend, "Effect of Windbreaks on Soil Moisture and Plant Height at Life Monteverde Coffee Farm"
- P07. Kelsey Fastabend, "Restoring Native Pollinators to Randolph College Campus"
- P08. Micahel Gambino, "Coming Home to Mi Tia"
- P09. Shannon Hase, "Let's Get Gritty: Does Student Choice Improve Writing Quality?"
- P10. Katie Jones, "Mathematical Modeling of a Zombie Outbreak"
- P11. Alivia Kilroy, "Italy Renaissance Study Abroad"
- P12. Holly McWane, "Manipulatives Make Math Matter"
- P13. Dung Nguyen and Avisha Shah, "Developing Virtual Reality as a Research Tool"
- P14. Tung Nguyen and Thinkh Pham, "Simulating Directional Perception of Sound"
- P15. Thomas Overgaag, "'You Can't Fire Me... I Quit!' A Look at the Declining Retention Rate in Public Education"
- P16. Desiree Page, "RISE Independent Study in London and Paris, 2018"
- P17. Jared Palmer, "Are you up to Snuff: Do High School Students Need a High Level of Mathematics as a Prerequisite for Physics?"
- P18. Skylar Pippin '19 and Igor Ngabo Rwaka '18, "Teaching Math and Science in a Changing World"
- P19. Taylor Samuels, "Digital Model of First-Year Pre-Scheduling"
- P20. Avisha Shah and Dung Nguyen, "Developing Virtual Reality as an Educational and Research Tool"
- P21. Timothy Songer, "Word Parts, do they Mean Anything?"
- P22. Zoë Upshaw, "Examining Diet-Related Carotenoid Pigmentation in Local Cedar Waxwings"
- P23. Zoë Upshaw, "Botanical Illustrators at Oak Spring Garden Library"
- P24. Reilly Wren, "Evaluating the Effectiveness of Omeprazole at Reducing Cribbing Behavior in Horses"