

## SENIOR SHOWCASE PRESENTATION SCHEDULE, WEDNESDAY, JUNE 3, 2015

### SESSION ONE: 8:50-10:10

#### ROOM

Auditorium

Freshmen &  
Sophomores  
Attend

#### STUDENT/SEMINAR

#### TITLE

**PHOTOJOURNALISM SEMINAR:** *“Through a Sharp Lens: Photojournalism 2015”* – Aaliyah Cox (Richmond), Aliyah Craddock (Richmond), Jackson Downey (Richmond), Tucker Farinholt (Richmond), Margaret Graham (Petersburg), La-Kiesha Hobbs (Petersburg), Mariah Macon (Richmond), Scott Miller (Chesterfield), Gwyneth Sholar (Richmond), Princess Smith (Charles City), Lizzy Street (Chesterfield), Bruce Wenger (Hanover)

120

Noah Han (Chesterfield)  
Megan Campbell (Chesterfield)

**Going Overboard: Compromises on Modern Production Sailboat Design**  
**Revitalizing RVA and a Decision-making Model for Urban Redevelopment**

FORUM

Galen Green (Henrico)  
Sam Schwartzkopf (Henrico)

**Legislation that Saves Lives: The Politics of Distracted Driving**  
**Nothing is Certain But Death & Taxes: Capital Punishment in the U.S.**

200

**FREAKONOMICS SEMINAR:** *The Hidden Side of Everything* – Utkarsha Bhawe (Henrico), Ben Bowers (Hanover), Joseph Boyle (Hanover), Shalin Shah (Chesterfield), Isaac Steincamp (Chesterfield)

202

Srishti Sanya (Henrico)  
Sharvani Mehta (Chesterfield)

**A Clash of Kings: New Media v. Old Journalism – Who’s Winning?**  
**“PR”fect Planning: Event Management in Today’s World**

230

Noah Kim (Richmond)  
Ruhan Farsin (Chesterfield)

**Adventures in Adolescent Psychology: Stress and Depression in African-American Teens**  
**The Issues and Solutions of Modern Day Child Psychology**

243

**RELEVANCE RISING: Sex, Gangs, and Deceit: System Reform on Both Sides of the Border** – Blaise Barsanti (Richmond), Ellie Palazzolo (Henrico), Piper Shifflett (Hanover), Bre’Anna Vinson (Petersburg)

301

Nivetha Saravanan (Henrico)  
Ben Wong (Henrico)

**How to Save a Life: A Study of Ventilator-Induced Lung Injury**  
**The Matrix Reloaded: Delivering Drugs and Stem Cells to the Lung**

310

Aman Kapadia (Chesterfield)  
Michael Zeevi (Goochland)

**Cholesterol, Fat or Phat? Why Cholesterol is an Essential Part of the Diet**  
**Catching It Early: Stopping Heart Attacks Before They Happen**

319

Caroline O’Brien (Henrico)  
Lindsay Lickers (Chesterfield)

**Where Bone and Metal Become One: A Study of Osseointegration**  
**Have FAith in your Surgeon: Pediatric Femoroacetabular Impingement (FAI)**

### SESSION TWO: 10:20-11:40

#### Auditorium

Freshmen &  
Sophomores  
Attend

**MUSIC SEMINAR:** *The Artists of Green Dragon Records* – Nathaniel Ashburn (Goochland), Annika Basch (Henrico), Sam Bryant (Richmond), Joanne Choi (Chesterfield), Victor Dao (Chesterfield), Michael Darr (Henrico), Geoffrey Gill (Richmond), Taylor Hawkins (Chesterfield), Cameron Hill (Henrico), Eric Kim (Chesterfield), Julia Kinder (New Kent), Zachary King (Hanover), Matt Rucker (Richmond), Brandon Shaw (Henrico), Justin Wilck (Richmond)

Forum

Anant Kharkar (Henrico)

**(1) BioRobust: Bringing Biological Research into the 21<sup>st</sup> Century**  
**(2) Hangin’ Out: The Next-Gen Social Educational Network**

120

Karina Kunka (Powhatan)  
Chelsie Motley (Richmond)

**The “Floss-ophy” of the Connection Between Hormones and Teeth**  
**Does Your Mom Rock? Oxytocin Levels and Maternal Empathy**

200

**FREAKONOMICS SEMINAR:** *The Hidden Side of Everything* – Adam Chang (Henrico), Katie Christopher (Henrico), Kalp Maniar (Chesterfield), Debbie Mayo (Henrico)

204

Purnima Ghosh (Henrico)  
Elena Zhou (Chesterfield)

**Let’s Get Down to Business: Targeted Marketing in a Local Law Firm**  
**Are You Keeping Your Job? The Market’s Effect on Labor Law**

230

Katie Wood (Henrico)  
Andrew Leffler (Henrico)

**The Problem with American Politics and How Other Countries Do It Better**  
**You Gotta Fight for Your Right to (Vote for a) Party: Students & Voter ID Laws**

232

Lisa Wang (Chesterfield)  
Wilton Wu (Henrico)

**Life After Crises: Effects of Monetary Policies on Financial Collapse**  
**Breaking B.R.I.C.S.: Evaluating the Efficacy of Investing in Emerging Markets**

243

**RELEVANCE RISING: Shattered Social Systems: Healthcare, Labor, and Education in Guatemala** – Hannah Auerbach (Chesterfield), Caroline Emblidge (Richmond), Megan Keck (Charles City), Kaitlyn Kurdziel (Chesterfield), Tierney Whelan (Chesterfield)

301

Laura Fuhr (Goochland)  
Josh Barlow (Chesterfield)

**Training Hard or Overtraining?**  
**Get Back in the Game: Which ACL Graft is Best?**

303

#### EPIDEMIOLOGY:

*(1) 16 and Depressed?* – Eliza Bellamy (Richmond), Katie Henneke (Richmond), Rayyan Damaj (Chesterfield)  
*(2) Mind Madness* – Ian Thomas (Richmond), Ann McClain Bridges (Richmond), Josh Pate (King & Queen)

310

Tessa Guinn (Henrico)  
Catie Lott (Chesterfield)

**Eliminating the Epidemic: The Search for a Cure to HIV**  
**When Saving a Child Isn’t the Best Option: A Study of Pediatric Futile Care**

319

Savannah Aigner (Richmond)  
Radhika Srivastava (Chesterfield)

*¿Hablas Español?* **The Future of Spanish in the U.S.**  
**ESL is Dead: Why Bilingual Classrooms are Better for Hispanic Students**

338

**ITALIAN FOOD SEMINAR: Mediterranean Gastronomy** – Rebekah Everett (Richmond), Abigail Good (Henrico), Lucy Grinnan (Chesterfield), Carrie Hamilton (Chesterfield), Margaret Jewett (Richmond), Sarah Larson (Hanover), Catherine Leahy (Chesterfield), Emily Lehman-Rios (Richmond), Ju Lee (Chesterfield), Emma Ohlsson (Richmond), Nicholas Row (Hanover), Sindhu Vadlamani (Henrico), Pranay Vissa (Henrico), Patrick Wachter (Henrico)

Lunch 11:40-12:20 (FRESHMEN ARE INSTRUCTED TO MOVE DIRECTLY TO FIELD OUTSIDE; ATTENDANCE WILL BE TAKEN)

**SESSION THREE: 12:20-1:40**

Room	Student/Seminar	Title
Auditorium	<b>DIGITAL VIDEO SEMINAR:</b> Joi Best (Richmond), Max Byles (Richmond), William DeFilippo (Henrico), Steffen Erickson (Richmond), Robert Fischer (Chesterfield), Alejandro King (Richmond), William Kump (Richmond), Ben Mattoon (Richmond), Maddie Oliver (Henrico), Theo Scaffidi (Richmond), Duncan Sims (Richmond), Corey Smith (Chesterfield), Kyle Trapp (Chesterfield)	
Forum	Raleigh Browne (Hanover) Samantha McCoy (Richmond) Riley Hammond (Richmond)	Mystery of the Maestros: Orchestral Conducting Style & Technique Film Production: A 21 <sup>st</sup> Century Communication Face to Facebook: The Impact of the Digital Age on the Welfare of the Gallery Space
104	Kayleigh Meighan (Chesterfield) Marissa Raper (Hanover)	Labor Pains: The Effect of Epidural Injections on Maternal and Fetal Health Finding a Lump with the Bump: Treating Breast Cancer in Pregnant Patients
120	Hailey Akens (Henrico) Maddie Coder (Richmond)	Southern Hospitality: A Study of Hotel Guest Satisfaction in Richmond A #BOLD Approach to Marketing: Advertising in the Digital Age
126	James Tyler (Henrico) Afnan Enayet (Henrico)	Tiny Terminators: The Microbes <i>Won't</i> Be Back More Attractive Than Edison: Running the World on Magnets
200	<b>FREAKONOMICS SEMINAR:</b> <i>The Hidden Side of Everything</i> – Nick Jones (Richmond), Matthew Moore (Hanover), Matthew Perry (Richmond), Robert Sherman (Richmond)	
202	Victoria Herrera (Chesterfield) Suzanna Woods (Henrico)	Dogs Have Feelings Too: Exploring Clinical Depression in Animals Throwing Away the Key: Incarceration & the Failure of America's Mental Health System
230	Connor Wood (Henrico) Coly Elhai (Henrico)	London, Illustrated: Printmakers' Perspectives Your Past Will See You Now: Podcasts and the Modern History Classroom
232	Aarav Singh (Henrico) Robbie Crawford (Hanover)	Smart Materials: The Potential to Revolutionize Clean Energy Answers to Your Burning Questions: Fire Protection Engineering
243	<b>RELEVANCE RISING: <i>Shaping a Nation: Religion, Imperialism, and Discrimination in Guatemala</i></b> – Sarah Holliday (Chesterfield), Jordyn Kent (Prince George), Elizabeth Ratliff (Richmond), Michael Thompson (Chesterfield), Kiara Williams (Henrico)	
301	Siddarth Ajith (Henrico) Evrosina Isaac (Chesterfield)	Fluvastatin, The Mast Cell Leukemia Slayer How One Little Change Can Affect the Rest of Your Life
303	<b>EPIDEMIOLOGY</b> (1) <i>Earth, Wind &amp; Fire – Are They Killing Us?</i> Carley Leckie (New Kent), Sam Martin (Richmond), Sven Philipsen (Richmond) (2) <i>Potpouri of Epidemiology</i> – Gabrielle Fleming (Chesterfield), Divia Kling (Chesterfield), Ciaran Lowell (Henrico)	
310	Emma Arents (Chesterfield) Elizabeth Levit (Henrico)	WARNING: Team-Based Care May Cause Better Patient Outcomes Will Work for Milk: Antipsychotic Drug Discrimination in Mice
319	Kayla Aaron (Henrico) Grace Headinger (Chesterfield)	All I Ever Needed to Know I Learned in Kindergarten Exceeding Expectations: High-Achieving Students in Low-Income Schools

**SESSION FOUR: 1:50-3:10**

Auditorium	<b>DIGITAL VIDEO SEMINAR</b> (Same as above) ( <i>All Freshmen Attend</i> )	
Forum	<b>MILITARY HISTORY:</b> Nicholas Gruner (Richmond), Hayden Hubbard (Chesterfield), Joseph Kump (Chesterfield), Josh Melton (Henrico), Felix Puthenpura (Chesterfield), Alessandro Ragazzi (Richmond), Christopher Soldan (Henrico), Keeshawn Sun (Richmond), Rajiv Tummala (Henrico)	
104	Rachel Thoms (Chesterfield) Tyler Walker (Chesterfield)	Cutting to the Core of the Laser: Is Laser Cataract Surgery Worth the Cost? Big Data and Big Problems: How Analytics can fix the healthcare industry
120	Nyle Rodgers (Chesterfield) Alan Zhang (Chesterfield)	Making Interactive Web-Apps with New Technologies A Web 2.0 A Better Tomorrow – Using Interactive Websites to Improve Collaboration
202	Avery Simmons (Henrico) Kaya Prasad (Henrico)	A Modern Pioneer Story: Teaching Chinese in a One-Room Schoolhouse Learn or Die: The Language Immersion Experience
204	Anna Kuno (Chesterfield) Abby Dallas (Richmond)	Letting the Cat Out of the Bag: The Truth About Declawing Animal Shelters: When Your Patient Can't Speak and Your Client Can't Pay
230	Reed Canaan (Henrico) Tallie Hausser (Chesterfield)	A Season for Richmond: Behind the Scenes at The Richmond Forum Educational Aid to African Women: Do Your Donations Make a Difference?
232	Helen Li (Chesterfield) Emma Greene (Henrico)	Culture Shock: Cross-Cultural Understanding in Professional Relations They've Got Style: Making the Most of Cultural Learning Differences
243	<b>RELEVANCE RISING: <i>Where My Ladies At? Empowering Women in Guatemala</i></b> – Morgan Andrews (Chesterfield), Gretchen Ashauer (Richmond), Libby Ebeling (Richmond), Feline Lucas (Richmond)	
301	Josh Moody (Chesterfield) Madison Tang (Henrico)	Don't "Shunt" My Social Growth: Dangers of First Impressions to Disabled Populations The Pathology of Pediatric Brain Cancers
310	James Kitchens (Hanover) Gillian Gray (Henrico)	Do these Genes Make Me Look Fat? Genetic Predisposition Towards Increased BMI Sugar Rush: The Effects of Sugary Beverages on Pediatric BMI
319	Cynthia Ong (Chesterfield) Ellie Deglau (Henrico)	It's Raining CTs and Dogs: The Effect of Imaging on Neurology and Cardiology True to Your Heart: Innocent v. Congenital Pediatric Heart Murmurs