



EAST TENNESSEE STATE UNIVERSITY

2018 Appalachian Student Research Forum

April 4 ~ 5, 2018

Millennium Centre • Johnson City, TN



Table of Contents

About the ASRF	3
Schedule of Events	4
Wednesday, April 4, 2018	4
Thursday, April 5, 2018	5
Keynote Presentation.....	6
ASRF Task Force Members	7
ASRF Judges	8
ASRF Partners	9
ASRF Contributors & Special Thanks	10
In Memory of Carole Thomason.....	11
ASRF Award-winning Oral and Poster Presentations (alphabetical listing).....	12
Appendix A: Appalachian Student Research Forum Presenters List.....	A-1

About the ASRF

The Forum is an annual event in which undergraduate, graduate, medical and pharmacy students as well as post-doctoral fellows and medical residents present their research in a formal setting. The Forum is open to students from all colleges and universities within the southern Appalachian region.

The Forum hosts both poster and oral presentations. The poster presentation session is open to all participants (undergraduate, graduate and medical and pharmacy students, medical residents and post-doctoral fellows). Graduate, medical and pharmacy students, medical residents and post-doctoral fellows only are eligible to participate in the oral sessions. Participation is limited only by time and space constraints.

Throughout its history, East Tennessee State University has placed emphasis on research and the mission to conduct scholarship that improves the human condition. ETSU held its first student research forum on March 8, 1985 with 19 students participating. What began as program only for the College of Medicine has expanded to become a major region-wide event which attracts over 200 undergraduate, graduate, pharmacy and medical student, resident physician, and post-doctoral fellow participants.

A task force of ETSU faculty members oversees this annual event. Students from all fields of study have presented their work at the Forum. Many of these students have gone on to present their research findings at regional, state, and national meetings in their field.

The Appalachian Student Research Forum has brought several nationally recognized individuals to campus as keynote speakers for the event. Noted presenters include Dr. Joycelyn Elders, former U.S. Surgeon General; Dr. Michael Tucker, a leading researcher in *in vitro* fertilization; former NASA astronaut Dr. Rhea Seddon; and Dr. Ronald C. Desrosiers, who gained international recognition when he discovered that it is possible to vaccinate monkeys against the AIDS virus.

To learn about past Appalachian Student Research Forum events dating back to 2004, visit <http://www.etsu.edu/studentresearch/aboutasrf.php> .

Event Schedule – Day 1

Wednesday, April 4, 2018

9:00am – 3:15pm	Oral Presentations	Location
Doctoral Students		
Biomedical Science	9:00am – 11:00am	Ripshin Mtn. Room 130
Natural Sciences	1:00pm – 3:00 pm	Ripshin Mtn. Room 130
Social & Behavioral Sciences – A	9:00am – 11:15am	Auditorium Room 137B
Social & Behavioral Sciences – B	1:00pm – 3:15pm	Auditorium Room 137B
Masters Students		
Biomedical Science	11:00am – 12:15pm	Ripshin Mtn. Room 130
Education, Social & Behavioral Sciences - A	9:00am – 1:00pm	Auditorium Room 137A
Education, Social & Behavioral Sciences - B	1:00pm – 3:00pm	Auditorium Room 137A
Natural Sciences – A	9:00am – 11:00am	Bays Mtn. Room 125
Natural Sciences - B	1:00pm – 3:00pm	Bays Mtn. Room 125
12:00pm – 4:30pm	Poster Check-in & Set-up	Ballroom, 2nd Floor

Event Schedule – Day 2

Thursday, April 5, 2018

8:00am – 2:00pm	Poster Viewing	2nd Floor Ballroom WhiteTop Mtn Room 225 Mt. Mitchell Room 220 Clinch Mtn Room 215
8:30am – 12:00pm	Poster Judging	2nd Floor Ballroom WhiteTop Mtn Room 225 Mt. Mitchell Room 220 Clinch Mtn Room 215
12:00pm – 1:00pm	Lunch (ticket required)	1st Floor Atrium
1:00pm – 2:00pm	Keynote Address	Auditorium Room 137B
2:15 pm – 3:00 pm	Awards Ceremony	Auditorium Room 137B

Keynote Presentation

2018 Keynote Speaker

Dr. Richard Ignace



Dr. Richard Ignace is a professor in the Department of Physics and Astronomy and the Director of Undergraduate Research and Creative Activities at East Tennessee State University. His research interests include the theoretical, from radiative transfer, magnetic fields, to exoplanets, and the observational, including x-ray, ultraviolet, infrared, and radio astronomy. In his role as Director of the Office of Undergraduate Research & Creative Activities he oversees student-faculty collaborative grants, summer fellowships, travel grants, and the annual Boland Undergraduate Research Symposium.

Keynote Address Abstract:

**“Mapping the Environments of Massive Stars: A chapter
in the story of the interrelated cosmos”**

Scientists are curious people. One of the things that most fascinates me is how we know the things that we claim to know. Astronomical study is an excellent subject in which to explore this fascination, since in the effort to understand the history of the universe and its future trajectory, humans are limited to surveying the heavens from only the Earth. Consequently, astronomers employ methods that involve multi-wavelength and temporal approaches for piecing together the story of the cosmos. One aspect of this is the disproportionate impact that massive stars have for cosmic evolution. In particular, many outstanding questions regarding the impacts of mass-loss for this chapter of cosmic history remain. I discuss recent efforts at discerning the environments of mass stars - winds, shells, clumps, disks, and other structures - for resolving these outstanding issues.

ASRF Task Force

Dr. Aruna Kilaru, Task Force Chair
Biological Sciences

Dr. Karin Bartoszuk
School of Graduate Studies

Dr. Ranjan Chakraborty
Health Sciences

Ms. Dinah DeFord
McNair Program

Dr. William R. Duncan
Vice Provost for Research

Ms. Wendy Eckert
Research and Sponsored Programs

Dr. Lee Glenn
College of Nursing

Dr. Scott Honeycutt
Literature and Language

Dr. David Hurley
Pharmaceutical Sciences

Dr. Richard Ignace
Undergraduate Research
and Physics & Astronomy

Dr. John King
Communication

Dr. Dharendra Kumar
Biological Sciences

Dr. Cecilia McIntosh
School of Graduate Studies
and Biological Sciences

Dr. Mike Ramsey
Sports, Exercise, Recreation
and Kinesiology

ASRF Logistical Team

Office of Research & Sponsored Programs

Ms. Angela Clark
Ms. Cynthia Hardin
Ms. Lindsay Keitzer
Mr. Morgan Taylor

ASRF Judges

Many thanks to the following faculty and staff members who are giving their time and effort to serve as Judges for the poster and oral competitions.

POSTER PRESENTATIONS

Arsham Alamian
Karin Bartoszuk
Eric Beaumont
Patrick Bradshaw
Candace Bright
Russell Brown
Regenia Campbell
Michelle Chandley
Donna Cherry
Alyson Chroust
Karen Cummings-Lilly
Suman Dalal
Heather Dye
Eileen Ernenwein
Jim Fox
Retha Gentry
Jean Hemphill
Yong Jiang
Andrew Joyner
Michael Kruppa
Alissa Lange
Janice Lazear
Ingrid Luffman

Greta Marek
Catherine McCusker
Pamela Mims
Darrell Moore
Diana Morelen
Lisa Ousley
Tammy Ozment
Jodi Polaha
Aaron Polichnowski
Brooks Pond
Victoria Pope
Diego Rodriguez-Gil
Antonio Rusinol
Dane Scott
Candice Short
Katherine Silva
Krishna Singh
Sanjay Singh
Douglas Thewke
Carol Trivette
Moin Uddin
Liang Wang
Qian Xie

ORAL PRESENTATIONS

Stacy Brown
Brittany Butler
Andrea Clements
Ivy Click
Karen Cummings-Lilly
Suman Dalal
Mohamed Elgazzar
Allan Forsman
Michael Kruppa
Ying Li
Sharon Loury
Aaron Polichnowski
Megan Quinn
Abbas Shilabin
Katherine Silva
Michael Smith
Jennifer Treece
Florence Weierbach
Faustine Williams
Valentin Yakubenko

Alternate Judges

Kate Beatty
Andy Clark
Myra Clark

Gerald Deehan
William R. Duncan
Gary Henson

Aruna Kilaru
Hana Mikdachi
Alex Sargsyan

ASRF 2018 Partners

Gold

The East Tennessee State University Research Foundation

Silver

The Center for Community Outreach and Applied Research
The Office of the President of East Tennessee State

Bronze

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East Tennessee State University's:

- Office of the VP for Academic Affairs
- Office of the VP for Student Affairs
- Center for Nursing Outreach
- Continuing Studies and Academic Outreach
- Dept of Biological Sciences
- Dept of Biomedical Sciences
- Dept of Chemistry
- Dept of Geosciences
- Dept of Internal Medicine
- Dept of Pediatrics
- Dept of Psychology
- The Graduate School
- The Honors College
- Office of the Dean for Public Health
- Office of the Dean of the College of Arts & Sciences
- Office of the Dean of the College of Education
- Office of the VP for Health Affairs
- SERK
- The Sherrod Library

ASRF 2018 Contributors

- College of Business and Technology
- College of Pharmacy
- Dept of Audiology & Speech-Language Pathology
- Dept of Biostatistics and Epidemiology
- Dept of Communication & Performance
- Dept of Community & Behavioral Health
- Dept of Computing
- Dept of Engineering, Tech, Surveying & Dig. Media
- Dept of Environmental Health
- Dept of Health Sciences
- Dept of Health Services Management and Policy
- Dept of Literature & Language
- Dept of Obstetrics & Gynecology
- Dept of Pharmaceutical Sciences
- Dept of Pharmacy Practice
- Dept of Philosophy & Humanities
- Dept of Physics & Astronomy
- Dept of Sociology & Anthropology
- Dept of Surgery
- The McNair Program
- Office of the Dean of the College of Medicine
- Office of Equity and Diversity
- The Roan Scholars Leadership Program

Special Thanks

to the Students of the McNair Program

*In Honor of Ten Years of Service to the
Appalachian Student Research Forum
2007 - 2017*



*In memory of
Loretta "Carole" Thomason
1961 - 2017*

2018 Appalachian Student Research Forum Award Winners

Affadu-Danful, George

First Place, Masters Natural Sciences Group A Oral Presentation

Immobilization Of Gold Nanoparticles On Nitrided Carbon Fiber Ultramicroelectrodes By Direct Reduction As A Platform For Measuring Electrocatalytic Properties

Dr. Gregory Bishop, Advisor, Department of Chemistry, East Tennessee State University

Alabdulwaheed, Abdulhameed

First Place, Masters Natural Sciences Group B Poster Presentation

3D-Printed Fluidic Devices And Incorporated Graphite Electrodes For Electrochemical Immunoassay Of Biomarker Proteins

Dr. Gregory Bishop, Advisor, Department of Chemistry, East Tennessee State University

Alharbi, Helal

First Place, Masters Natural Sciences Group A Poster Presentation

Synthesis Of Diazonium N-(Perfluoroalkyl) Benzenesulfonimide Zwitterionic Polymers For Proton Exchange Membrane Fuel Cells

Dr. Hua Mei, Advisor, Department of Chemistry, East Tennessee State University

Ameen, Muhammad

Second Place, Masters Biomedical Sciences Poster Presentation

Vitamin B2 Reduces Amyloid-Beta Proteotoxicity And Improves Health In A Caenorhabditis Elegans Alzheimer'S Disease Model

Dr. Patrick Bradshaw, Advisor, Department of Biomedical Sciences, East Tennessee State University

Andrews, Shantaya

First Place, Masters Natural Sciences Group B Oral Presentation

Characterization Of Sip470, A Plant Lipid Transfer Protein, And Its Role In Plant Defense Signaling

Dr. Dharendra Kumar, Advisor, Department of Biological Sciences, East Tennessee State University

Birchfield, Aaron

Second Place, Masters Natural Sciences Group A Poster Presentation

Crystallization And Analysis Of Tag Effects Using A Flavonol Specific Glucosyltransferase From Grapefruit

Dr. Cecilia McIntosh, Advisor, Department of Chemistry, East Tennessee State University

Bishop, Kaelyn

Second Place, Undergraduate Social & Behavioral Sciences Group B Poster Presentation

Perception And Acceptability Of Violence In Video Games, Movies, And News

Dr. Andrea Clements, Advisor, Department of Psychology, East Tennessee State University

Blosser, Peter

Second Place, Medical Students Social, Behavioral, Biomedical & Health Sciences Group A Poster

Differential Diagnosis Of Pan-Uveitis: Behçet'S Disease

Dr. Tiffany Lasky, Advisor, Department of Surgery, East Tennessee State University

Bowles, Alicia

First Place, Residents & Clinical Fellows Case Studies Group C Poster Presentation

Gi Bleed In A Hemodialysis Patient With Calciphylaxis And Paroxysmal Atrial Fibrillation: Should Warfarin Therapy Be Continued?

Dr. Jennifer Treece, Advisor, Department of Internal Medicine, East Tennessee State University

2018 Appalachian Student Research Forum Award Winners

Bridges, Christopher MD

Second Place, Residents & Clinical Fellows Case Studies Group A Poster Presentation

Overcoming Barriers To End Of Life Planning For Residents In Primary Care

Dr. Jodi Polaha, Advisor, Department of Family Medicine, East Tennessee State University

Carr, Laura

First Place, Undergraduate Humanities & Education Poster Presentation

Cleopatra: Perceptions And Reality

Dr. Joel Van Amberg, Advisor, Department of History, Tusculum College

Chambers, Jessica

Second Place, Undergraduate Social & Behavioral Sciences Group A Poster Presentation

Internalizing Symptoms Associated With Emotional Abuse: An Examination Of Religious Social Support As A Moderating Variable

Dr. Diana Morelen, Advisor, Department of Psychology, East Tennessee State University

Chapman, Rudy

First Place, Doctoral Biomedical Sciences Poster Presentation

Axonal Regrowth Of Olfactory Sensory Neurons After Chemical Ablation With Methimazole

Dr. Diego Rodriguez-Gil, Advisor, Department of Biomedical Science, East Tennessee State University

Cox, Taylor

First Place, Masters Education & Learning Poster Presentation

Promoting Health Education And Literacy In Rural Tennessee: The Go-Packs Pilot Project

Dr. Anthony DeLucia, Advisor, Department of Surgery, East Tennessee State University

Daniels, Jesse

Second Place, Masters Natural Sciences Group B Oral Presentation

Direct And Indirect Effects Of Invasive Cirsium Arvense On Pollination In Southern Appalachian Floral Communities.

Dr. Gerardo Arceo-Gomez, Advisor, Department of Biological Sciences, East Tennessee State University

Dempsey, Brian

First Place, Undergraduate Natural Sciences & Engineering Group A Poster Presentation

Small Mammal Mortality Caused By Roadside Containers On A Heavily Trafficked Forest Service Road In The Cherokee National Forest

Dr. Tom Laughlin, Department of Biology, College of Arts and Sciences, East Tennessee State University

Fasanello, Nicholas

First Place, Undergraduate Social & Behavioral Sciences Group B Poster Presentation

Self-Esteem As A Mediator Of Internalized Stigma And Health In Sexual Minority Women

Dr. Stacey Williams, Advisor, Department of Psychology, East Tennessee State University

Gardner, Austin

Second Place, Masters Pharmacy Poster Presentation

Metabolic Targets Of Gnaphalin Mediated Apoptosis In Colon And Pancreatic Cancer Cell Lines

Dr. Victoria Palau, Advisor, Department of Internal Medicine, East Tennessee State University

Garner, Chris

First Place, Residents & Clinical Fellows Biomedical Sciences Group A Poster Presentation

Improving Male Vaccine Uptake For Human Papilloma Virus In A Family Medicine Residency Program

Dr. Amanda Stoltz, Advisor, Department of Family Medicine, East Tennessee State University

2018 Appalachian Student Research Forum Award Winners

Gauck, Megan

First Place, Undergraduate Natural Sciences & Engineering Group B Poster Presentation

Evaluation Of Circadian Regulated Behavior In The Southern Black Widow, Latrodectus Mactans

Dr. Thomas Jones, Advisor, Department of Biological Sciences, East Tennessee State University

Grimsley, Christina

First Place, Residents & Clinical Fellows Case Studies Group B Poster Presentation

Case Report: Tension Pneumothorax Complicated By Massive Subcutaneous Emphysema

Dr. Stephen Blankenship, Advisor, Center for Experiential Learning, East Tennessee State University

Harris, Joseph

First Place, Doctoral Natural Sciences Oral Presentation

The Impact Of Subsidence On Industrial Complexes In The Lower Mississippi River Industrial Corridor

Dr. T. Andrew Joyner, Advisor, Department of Geosciences, East Tennessee State University

Harrison, Matthew

Second Place, Masters Natural Sciences Group A Oral Presentation

Self-Organized Structures: Modeling Polistes Dominula Nest Construction With Simple Rules

Dr. Christopher Wallace, Advisor, Department of Computing, East Tennessee State University

Job, Sarah

First Place, Masters Education, Social & Behavioral Sciences Group A Oral Presentation

A Path Analysis Approach To Proximal Minority Stress And Problematic Drinking

Dr. Stacey Williams, Advisor, Department of Psychology, East Tennessee State University

Kamran, Beenish

First Place, Masters Education, Social & Behavioral Sciences Group B Oral Presentation

Identifying Motivators And Barriers For Wellness Programs To Inform Recruitment And Retention Of Diabetes Prevention Programs (DPPS)

Dr. Deborah Slawson, Advisor, Department of Community and Behavioral Health, East Tennessee State University

Keith, Sydney

Second Place, Undergraduate Biomedical Sciences Group B Poster Presentation

Experimental Protocol For The Production Of Bacterial Expressed Ctrp3

Dr. Jonathan Peterson, Advisor, Department of Health Sciences, East Tennessee State University

Ketchem, Shannon

First Place, Masters Pharmacy Poster Presentation

Dopamine Cell Loss Within The Nigrostriatal Pathway Due To Oxidative Stress From Chronic Methylphenidate

Dr. Brooks Pond, Advisor, Department of Pharmaceutical Sciences, East Tennessee State University

Khalaf, Rossa

First Place, Residents & Clinical Fellows Biomedical Sciences Group B Poster Presentation

Marginal Zone Lymphoma With Hyper Viscosity Syndrome Responding To Plasmapheresis And Chemo Immunotherapy

Dr. De Jaishankar, Advisor, Department of Internal Medicine, East Tennessee State University

2018 Appalachian Student Research Forum Award Winners

Kuku, Olubunmi

Second Place, Masters Social & Behavioral Sciences Poster Presentation

Association Between Depression And Physical Health Among College Adults: The Mediating Roles Of Physical Activity And Diet

Dr Julia Dodd, Advisor, Department of Psychology, East Tennessee State University

LeMay, Carrie

First Place, Doctoral Social & Behavioral Sciences Poster Presentation

The Relationship Between Adverse Childhood Experiences, Mental Health Outcomes, And Polypharmacy Among Psychiatric Inpatients In Secure Forensic Care

Dr. Jill Stinson, Advisor, Department of Psychology, East Tennessee State University

Magno, Melissa

Second Place, Undergraduate Natural Sciences & Engineering Group B Poster Presentation

Spatial Interpolation Of Heavy Metal Concentrations In Soils Of Bumpus Cove, Tn

Dr. Ingrid Luffman & Dr. Arpita Nandi, Advisors, Department of Geosciences, East Tennessee State University

Maguire, Joseph

First Place, Residents & Clinical Fellows Case Studies Group A Poster Presentation

A Rare Case Of Tolosa-Hunt Syndrome

Dr. Thad Snyder, Advisor, Department of Internal Medicine, East Tennessee State University

McKinney, Jessica

First Place, Doctoral Social & Behavioral Sciences Group A Oral Presentation

Self-Compassion And Suicide Risk In Veterans: Serial Effects Of Shame, Guilt, And PTSD

Dr. Jameson Hirsch, Advisor, Department of Psychology, East Tennessee State University

Miller, Brandon

First Place, Medical Students Social, Behavioral, Biomedical & Health Sciences Group A Poster Presentation

Effects Of Podocyte Dysfunction On The Susceptibility To Hypertensive Glomerulosclerosis

Dr. Aaron Polichnowski, Advisor, Department of Biomedical Science, East Tennessee State University

Moka, Nagaishwarya

First Place, Residents & Clinical Fellows Case Studies Group D Poster Presentation

Delta-Tocotrienol And Simvastatin Induces Differential Cytotoxicity And Synergy In Braf Wild-Type Sk-Mel-2 And Mutant Braf Sk-Mel-28 Melanoma Cancer Cells

Dr. Koyamangalath Krishnan, Advisor, Department of Internal Medicine, East Tennessee State University

Mwirigi, Kiriinya

Second Place, Doctoral Social & Behavioral Sciences Group A Oral Presentation

Increasing Fruits And Vegetable Consumption Among Snap Recipients Through An Innovative Prescription Program: Appalachian Farmacy

Dr. Deborah Slawson, Advisor, Department of Community and Behavioral Health, East Tennessee State University

Neighbor, Rebecca

Second Place, Medical Students Social, Behavioral, Biomedical & Health Sciences Group B Poster

Gojoco Trail Awareness

Dr. Karen Schetzina, Advisor, Department of Pediatrics, East Tennessee State University

2018 Appalachian Student Research Forum Award Winners

Oliver, Joe

Second Place, Undergraduate Biomedical Sciences Group A Poster Presentation

Inhibition Of Focal Adhesion Kinase Promotes Adult Olfactory Stem Cell Self-Renewal And Neuroregeneration Via Ciliary Neurotrophic Factor

Dr. Cuihong Jia, Advisor, Department of Biomedical Sciences, East Tennessee State University

Orimaye, Sylvester

Second Place, Masters Education, Social & Behavioral Sciences Group B Oral Presentation

Association Between Alzheimer'S Disease And Rural Northeast Tennessee Region Between 2013 And 2015

Dr. Jodi Southerland, Advisor, Department of Community and Behavioral Health, East Tennessee State University

Patel, Amit

Second Place, Residents & Clinical Fellows Biomedical Sciences Group A Poster Presentation

Addressing Gaps In Immunization Rates In A Family Medicine Residency Clinic

Dr. Leigh Johnson, Advisor, Department of Family Medicine, East Tennessee State University

Pathak, Asmita

First Place, Doctoral Biomedical Sciences Oral Presentation

C-Reactive Protein Is An Atheroprotective Molecule

Dr. Alok Agrawal, Advisor, Department of Biomedical Sciences, East Tennessee State University

Pugh, Kelley

First Place, Masters Social & Behavioral Sciences Poster Presentation

Self-Forgiveness And Suicide Risk In Veterans: Examining Serial Linkages Of Shame And Interpersonal Needs

Dr. Jameson Hirsch, Advisor, Department of Psychology, East Tennessee State University

Puszkiewicz, Kelcey

Second Place, Doctoral Social & Behavioral Sciences Poster Presentation

Early Childhood Adversity, Socioecological Influences, And Delinquent Behaviors In A Treatment Sample Of Male Adolescents

Dr. Jill Stinson, Advisor, Department of Psychology, East Tennessee State University

Rahimi-Saber, Anahita

First Place, Medical Students Social, Behavioral, Biomedical & Health Sciences Group B Poster Presentation

Transgender Medicine Integrated Grand Rounds: Are Medical Students Receiving Enough Education To Competently Care For Our Patients?

Dr. Ivy Click, Advisor, Department of Family Medicine, East Tennessee State University

Rahman, Mahbubur

Second Place, Doctoral Natural Sciences Oral Presentation

Transient Expression Of Avocado Dgat1 And Pdat1 In N. Benthamiana Leaves

Dr. Aruna Kilaru, Advisor, Department of Biological Sciences, East Tennessee State University

Roden, John III

Second Place, Undergraduate Natural Sciences & Engineering Group A Poster Presentation

Determining The Physiological And Behavioral Methods Of Salinity Tolerance In Corbicula Fluminea

Dr. Joseph Bidwell, Advisor, Department of Biological Sciences, East Tennessee State University

2018 Appalachian Student Research Forum Award Winners

Rotimi, Oluyemi

Second Place, Masters Education, Social & Behavioral Sciences Group A Oral Presentation

Factors That Affect Early Sexual Initiation In A Sample Of College Students In North-East Tennessee: The Role Of Adverse Childhood Experiences, Economic Hardship, Family Structure And Religiosity

Dr Mildred Maisonet, Advisor, Department of Biostatistics and Epidemiology, East Tennessee State University

Ryan, Chelsea

First Place, Doctoral Social & Behavioral Sciences Group B Oral Presentation

Human Papillomavirus Vaccine Uptake, Knowledge, And Acceptance For Youth: A Systematic Review Of Appalachia

Dr. Kiana Johnson & Dr. David Wood, Advisors, Department of Pediatrics, East Tennessee State University

Scruggs, Kent

First Place, Masters Biomedical Sciences Poster Presentation

Analysis Of Neuroinflammatory Markers In The Btbr T+ Tf/J Mouse Model Of Autism Spectrum Disorder

Dr. Michelle Chandley, Advisor, Department of Health Sciences, East Tennessee State University

Sriramoju, Vindhya M.D.

Second Place, Residents & Clinical Fellows Biomedical Sciences Group B Poster Presentation

Elizabethkingia Meningoseptica Bacteremia Associated With Infective Endocarditis In An Intravenous Drug Abuser

Dr. Christopher Cook, Advisor, Department of Internal Medicine, East Tennessee State University

Stuffle, Derek

First Place, Masters Biomedical Sciences Oral Presentation

A C. Albicans Two Component Pathway Regulates The Cdr4 And Ssu1 Transport Genes Involved In Quorum Sensing And Response To Bacterial Signaling Molecules

Dr. Michael Kruppa, Advisor, Department of Biomedical Sciences, East Tennessee State University

Tanner, Katie

First Place, Undergraduate Social & Behavioral Sciences Group A Poster Presentation

Insomnia And Suicide Risk In Veterans: Conditional Indirect Effects Of Perceived Burdensomeness And Self-Compassion

Dr. Jameson Hirsch, Advisor, Department of Psychology, East Tennessee State University

Tedder, Amanda

Second Place, Masters Natural Sciences Group B Poster Presentation

Impact Of Viviparity On Skeletal Development In A Reproductively Bimodal Squamate Species

Dr. Rebecca A. Pyles, Advisor, Department of Biological Sciences, East Tennessee State University

Thode, Madison

Second Place, Doctoral Biomedical Sciences Poster Presentation

A Comparison Of Word Recognition Performance For Young Adults With Normal Hearing When Listening To Two Speakers

Dr. Richard Wilson, Advisor, Department of Audiology & Speech Pathology, East Tennessee State University

Wanamaker, Salem

First Place, Undergraduate Biomedical Sciences Group A Poster Presentation

Visualizing The Inhibitory Power Of A Novel Protein Against Citrobacter And Enterobacter Biofilms

Dr. Sean Fox, Advisor, Department of Health Sciences, East Tennessee State University

2018 Appalachian Student Research Forum Award Winners

White, Grayson

First Place, Undergraduate Biomedical Sciences Group B Poster Presentation

The Effects Of Simulated Spaceflight Conditions On The Mucin Lining Of The Mouse Uterine Tube

Dr. Allan Forsman, Advisor, Department of Health Sciences, East Tennessee State University

Yadav, Ruby

Second Place, Doctoral Social & Behavioral Sciences Group B Oral Presentation

Preferences In Timing Of Sex Education Instruction Among Tennessee Sex Education Providers And Etsu College Students

Dr. Mildred Maisonet, Advisor, Department of Biostatistics and Epidemiology, East Tennessee State University

Zaver, Himesh

Second Place, Doctoral Biomedical Sciences Oral Presentation

Ledipasvir/Sofosbuvir Induced Nephrotic Syndrome: A Challenging Case Of Hepatitis C Management

Dr. Chakradhar Reddy, Advisor, Department of Internal Medicine, East Tennessee State University

APPENDIX A: 2018 Appalachian Student Research Forum

Oral Presentations

Natural Sciences & Engineering

Post-doctoral Fellow

Shinde, Suhas

<https://dc.etsu.edu/asrf/2018/schedule/111>

Ripshin Mtn. Room 130

4/4/2018 1:40 PM

Novel Polyunsaturated N-Acylethanolamines And Their Implications In Physcomitrella Patens

Master's Student

Affadu-Danful, George

<https://dc.etsu.edu/asrf/2018/schedule/13>

Bays Mtn. Room 125

4/4/2018 10:40 AM

Immobilization Of Gold Nanoparticles On Nitrided Carbon Fiber Ultramicroelectrodes By Direct Reduction As A Platform For Measuring Electrocatalytic Properties.

Albright, Mark

<https://dc.etsu.edu/asrf/2018/schedule/36>

Bays Mtn. Room 125

4/4/2018 1:40 PM

Dietary Fatty Acids And Temperature Effects On The Reproduction Of Daphnia Magna

Coggins, Bret L.

<https://dc.etsu.edu/asrf/2018/schedule/108>

Bays Mtn. Room 125

4/4/2018 2:40 PM

Escaping The Arrhenius Tyranny: Metabolic Compensation During Exposure To High Temperature In Daphnia

Daniels, Jesse

<https://dc.etsu.edu/asrf/2018/schedule/124>

Bays Mtn. Room 125

4/4/2018 2:20 PM

Direct And Indirect Effects Of Invasive Cirsium Arvense On Pollination In Southern Appalachian Floral Communities.

Grant, Annie

<https://dc.etsu.edu/asrf/2018/schedule/115>

Bays Mtn. Room 125

4/4/2018 9:40 AM

Is Water Quality In Boone Lake A Dam Problem? An Assessment Of Water Quality Pre- And Post- Drawdown

Harrison, Matthew

<https://dc.etsu.edu/asrf/2018/schedule/93>

Bays Mtn. Room 125

4/4/2018 10:00 AM

Self-Organized Structures: Modeling Polistes Dominula Nest Construction With Simple Rules

APPENDIX A: 2018 Appalachian Student Research Forum

Lohani, Saroj Chandra

<https://dc.etsu.edu/asrf/2018/schedule/78>

Bays Mtn. Room 125

4/4/2018 2:00 PM

Sip68, A Glucosyltransferase Protein And Its Role In Plant Defense Mechanism

Neequaye, Theophilus

<https://dc.etsu.edu/asrf/2018/schedule/12>

Bays Mtn. Room 125

4/4/2018 10:20 AM

Investigations Of Pre And Post Treatment Protocols In The Fabrication Of Carbon Fiber Ultramicro- And Nanoelectrodes

Reeves, Ashleigh

<https://dc.etsu.edu/asrf/2018/schedule/25>

Bays Mtn. Room 125

4/4/2018 9:20 AM

Resident Stakeholder Perceptions Of Lava Flow Hazard Diversion Strategies And Protective Measures For Infrastructure And Commercial And Private Property On Kilauea And Mauna Loa Volcanoes, Hawai'i

Shrestha, Sujan

<https://dc.etsu.edu/asrf/2018/schedule/152>

Bays Mtn. Room 125

4/4/2018 1:00 PM

Biochemical Characterization Of Tomato Fatty Acid Amide Hydrolase

Andrews, Shantaya B.

<https://dc.etsu.edu/asrf/2018/schedule/44>

Bays Mtn. Room 125

4/4/2018 1:20 PM

Characterization Of Sip470, A Plant Lipid Transfer Protein, And Its Role In Plant Defense Signaling

Adesoba, Taiwo P.

<https://dc.etsu.edu/asrf/2018/schedule/38>

Bays Mtn. Room 125

4/4/2018 9:00 AM

Frequency And Intensity Of Heat Waves In East Tennessee: Measurements Using Various Heat Wave Definitions

Doctoral Student

Chand Thakuri, Bal Krishna

<https://dc.etsu.edu/asrf/2018/schedule/208>

Ripshin Mtn. Room 130

4/4/2018 1:00 PM

Sir2 Deacetylase Enzyme And Its Possible Role In Pathogen Infection

Haq, Imdadul MD

<https://dc.etsu.edu/asrf/2018/schedule/199>

Ripshin Mtn. Room 130

4/4/2018 1:20 PM

Fatty Acid Amide Hydrolase In Nae Metabolic Pathway In Physcomitrella Patens

Harris, Joseph B.

<https://dc.etsu.edu/asrf/2018/schedule/40>

Ripshin Mtn. Room 130

4/4/2018 2:20 PM

The Impact Of Subsidence On Industrial Complexes In The Lower Mississippi River Industrial Corridor

APPENDIX A: 2018 Appalachian Student Research Forum

Kusi, Joseph

<https://dc.etsu.edu/asrf/2018/schedule/94>

Ripshin Mtn. Room 130

4/4/2018 2:40 PM

Silver Nanoparticles: Emerging Environmental Contaminants In The Aquatic System

Rahman, Md Mahbubur

<https://dc.etsu.edu/asrf/2018/schedule/8>

Ripshin Mtn. Room 130

4/4/2018 2:00 PM

Transient Expression Of Avocado Dgat1 And Pdat1 In N. Benthamiana Leaves

Biomedical & Health Sciences

Medical Resident or Clinical Fellow

Miller, Rachel MD

<https://dc.etsu.edu/asrf/2018/schedule/133>

Ripshin Mtn. Room 130

4/4/2018 10:40 AM

Virulent Bacteria In Appalachian Tennessee Waters

Medical Student

Bowers, Hannah E.

<https://dc.etsu.edu/asrf/2018/schedule/98>

Ripshin Mtn. Room 130

4/4/2018 10:00 AM

The Effects Of Estrogen-Induced Stromal Cell Effectors, Osteopontin And Vimentin, On Chlamydia Infections In A Non-Polarized Cell Culture Model

Zaver, Himesh

<https://dc.etsu.edu/asrf/2018/schedule/80>

Ripshin Mtn. Room 130

4/4/2018 10:20 AM

Ledipasvir/Sofosbuvir Induced Nephrotic Syndrome: A Challenging Case Of Hepatitis C Management

Master's Student

Ajani, Irelioluwa

<https://dc.etsu.edu/asrf/2018/schedule/125>

Ripshin Mtn. Room 130

4/4/2018 12:00 PM

Association Between Smoking And Functional Outcome In Acute Ischemic Stroke Population Treated With Tissue Plasminogen Activator

Fapo, Olushola

<https://dc.etsu.edu/asrf/2018/schedule/74>

Auditorium Room 137A

4/4/2018 2:00 PM

Assessing And Improving Maternal Child Health Behaviors With Readnplay For A Bright Future

Hughes, Abigail

<https://dc.etsu.edu/asrf/2018/schedule/142>

Ripshin Mtn. Room 130

4/4/2018 11:00 AM

Identification Of AlgZ Regulator, Pa2771, And Effects On Motility And Virulence In P. Aeruginosa

APPENDIX A: 2018 Appalachian Student Research Forum

Miller, Ian

<https://dc.etsu.edu/asrf/2018/schedule/76>

Ripshin Mtn. Room 130

4/4/2018 11:40 AM

A Stem-Loop Secondary Structure Influencing Expression Of The Post-Transcriptional Regulator, Rsma, In Pseudomonas Aeruginosa

Nwabueze, Christian

<https://dc.etsu.edu/asrf/2018/schedule/16>

Auditorium Room 137A

4/4/2018 10:40 AM

Injurious Suicide Attempts Among Middle And High Schhol Students

Stuffle, Derek A

<https://dc.etsu.edu/asrf/2018/schedule/109>

Ripshin Mtn. Room 130

4/4/2018 11:20 AM

A C. Albicans Two Component Pathway Regulates The Cdr4 And Ssu1 Transport Genes Involved In Quorum Sensing And Response To Bacterial Signaling Molecules.

Doctoral Student

Jones, Rowdy

<https://dc.etsu.edu/asrf/2018/schedule/123>

Ripshin Mtn. Room 130

4/4/2018 9:40 AM

Striking Differences In Uromodulin Excretion And Expression, Salt-Sensitive Hypertension, And Renal Injury In Dahl Ss Vs. Bn And Ss.Bn1 Consomic Rats

Pathak, Asmita

<https://dc.etsu.edu/asrf/2018/schedule/139>

Ripshin Mtn. Room 130

4/4/2018 9:20 AM

C-Reactive Protein Is An Atheroprotective Molecule

Ngwa, Donald N.

<https://dc.etsu.edu/asrf/2018/schedule/136>

Ripshin Mtn. Room 130

4/4/2018 9:00 AM

C-Reactive Protein, Antibiotics, And Treatment Of Pneumococcal Infection In Mice

Education & Social, Behavioral Sciences

Medical Student

Ryan, Chelsea N.

<https://dc.etsu.edu/asrf/2018/schedule/15>

Auditorium Room 137B

4/4/2018 2:40 PM

Human Papillomavirus Vaccine Uptake, Knowledge, And Acceptance For Youth: A Systematic Review Of Appalachia

Schultz, Abby

<https://dc.etsu.edu/asrf/2018/schedule/112>

Auditorium Room 137B

4/4/2018 10:40 AM

Knowledge, Attitudes And Practices Of East Tennessee Medical Providers Towards Transgender Patients

APPENDIX A: 2018 Appalachian Student Research Forum

Master's Student

Falodun, Ayotola

<https://dc.etsu.edu/asrf/2018/schedule/61>

Auditorium Room 137A

4/4/2018 2:20 PM

Association Between Screen Time And High-Risk Sexual Behaviors Among U.S High School Students

James, Titilayo

<https://dc.etsu.edu/asrf/2018/schedule/194>

Auditorium Room 137A

4/4/2018 1:40 PM

National Burden Of Childhood Asthma Hospitalizations In The United States: Analysis Of The 2012 Kids' Inpatient Database

Job, Sarah A.

<https://dc.etsu.edu/asrf/2018/schedule/56>

Auditorium Room 137A

4/4/2018 10:00 AM

A Path Analysis Approach To Proximal Minority Stress And Problematic Drinking

Kamran, Beenish

<https://dc.etsu.edu/asrf/2018/schedule/62>

Auditorium Room 137A

4/4/2018 1:20 PM

Identifying Motivators And Barriers For Wellness Programs To Inform Recruitment And Retention Of Diabetes Prevention Programs (Dpps)

Kompella, Sindura

<https://dc.etsu.edu/asrf/2018/schedule/31>

Auditorium Room 137A

4/4/2018 9:40 AM

Behavioral Correlates For Quitting Opioids Among Opioid-Dependent Pregnant And Non-Pregnant Women Of Childbearing Age In Rural Appalachia

Neal, True

<https://dc.etsu.edu/asrf/2018/schedule/198>

Auditorium Room 137A

4/4/2018 9:20 AM

The Talk: How The Christian Right And The Liberal Left Are Talking About More Than Sex

Newell, Jessica

<https://dc.etsu.edu/asrf/2018/schedule/177>

Auditorium Room 137A

4/4/2018 9:00 AM

Jane Dulaney Hilbert: Appalachian Aviator

Orimaye, Sylvester

<https://dc.etsu.edu/asrf/2018/schedule/43>

Auditorium Room 137A

4/4/2018 1:00 PM

Association Between Alzheimer'S Disease And Rural Northeast Tennessee Region Between 2013 And 2015

APPENDIX A: 2018 Appalachian Student Research Forum

Rotimi, Oluyemi R.

<https://dc.etsu.edu/asrf/2018/schedule/59>

Auditorium Room 137A

4/4/2018 10:20 AM

Factors That Affect Early Sexual Initiation In A Sample Of College Students In North-East Tennessee: The Role Of Adverse Childhood Experiences, Economic Hardship, Family Structure And Religiosity.

Uyamasi, Kido

<https://dc.etsu.edu/asrf/2018/schedule/23>

Auditorium Room 137A

4/4/2018 2:40 PM

Associations Between Family And Parental Factors And Childhood Obesity

Doctoral Student

Clingensmith, Rachel M.

<https://dc.etsu.edu/asrf/2018/schedule/193>

Auditorium Room 137B

4/4/2018 1:00 PM

Link Between Parenting Style And Offspring Empathy As Mediated By A Relationship Of Familial Emotional Climate And Emotional Regulation

Dreves, Parker A.

<https://dc.etsu.edu/asrf/2018/schedule/107>

Auditorium Room 137B

4/4/2018 10:00 AM

Thinking Into The Future: Motivational Consequences Of Time Perspective

Eisenbrandt, Lydia

<https://dc.etsu.edu/asrf/2018/schedule/129>

Auditorium Room 137B

4/4/2018 9:20 AM

Adolescents In Residential Care With Major Mental Illness

Gretak, Alyssa P.

<https://dc.etsu.edu/asrf/2018/schedule/172>

Auditorium Room 137B

4/4/2018 9:40 AM

Straight From Clinicians' Mouths: A Qualitative Exploration Of Barriers To Rural Reentry

Loudermilk, Elaine

<https://dc.etsu.edu/asrf/2018/schedule/99>

Auditorium Room 137B

4/4/2018 1:20 PM

Impact Of Adverse Childhood Experiences On Hiv Risk Behaviors Using A Nationally Representative Sample From 2011 And 2012

Mauck, Erin E.

<https://dc.etsu.edu/asrf/2018/schedule/26>

Auditorium Room 137B

4/4/2018 10:20 AM

Oregon'S Death With Dignity Act: An Evidenced-Based Approach To Improving End-Of-Life Healthcare In Tennessee

Mckinney, Jessica

<https://dc.etsu.edu/asrf/2018/schedule/92>

Auditorium Room 137B

4/4/2018 9:00 AM

Self-Compassion And Suicide Risk In Veterans: Serial Effects Of Shame, Guilt, And Ptsd

APPENDIX A: 2018 Appalachian Student Research Forum

Mwirigi, Kiriinya

<https://dc.etsu.edu/asrf/2018/schedule/213>

Auditorium Room 137B

4/4/2018 11:00 AM

*Increasing Fruits And Vegetable Consumption Among Snap Recipients
Through An Innovative Prescription Program: Appalachian Farmacy*

Otwell, Rebecca

<https://dc.etsu.edu/asrf/2018/schedule/79>

Auditorium Room 137B

4/4/2018 1:40 PM

Mom Power: Replanting The Seed

Peluso, Anthony

<https://dc.etsu.edu/asrf/2018/schedule/145>

Auditorium Room 137B

4/4/2018 2:20 PM

Dual Method Use In A Sample Of College-Aged Women

Yadav, Ruby

<https://dc.etsu.edu/asrf/2018/schedule/57>

Auditorium Room 137B

4/4/2018 2:00 PM

*Preferences In Timing Of Sex Education Instruction Among Tennessee Sex
Education Providers And Etsu College Students*

APPENDIX A: 2018 Appalachian Student Research Forum

Poster Presentations

Biomedical Case Study

Medical Resident or Clinical Fellow

Alawoki, Mariam

<https://dc.etsu.edu/asrf/2018/schedule/83>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Angioimmunoblastic T-Cell Lymphoma, A Rare Disease Causing Recurrent Chylothorax.

Anibal, Brittany

<https://dc.etsu.edu/asrf/2018/schedule/84>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Streptococcus Pneumoniae Bacteremia In A Late Preterm Infant

Bridges, Christopher MD

<https://dc.etsu.edu/asrf/2018/schedule/117>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Overcoming Barriers To End Of Life Planning For Residents In Primary Care

Kanaa, Majd

<https://dc.etsu.edu/asrf/2018/schedule/7>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Lower Extremity Pain And Swelling As An Unusual Presentation Of Metastatic Esophageal Adenocarcinoma

Khalid, Muhammad

<https://dc.etsu.edu/asrf/2018/schedule/176>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Complete Pacemaker Lead Fracture After A Theme Park Ride

Luo, Alice

<https://dc.etsu.edu/asrf/2018/schedule/95>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Peeling Away The Layers To Anemia

Maguire, Joseph

<https://dc.etsu.edu/asrf/2018/schedule/96>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

A Rare Case Of Tolosa-Hunt Syndrome

Moka, Nagaishwarya

<https://dc.etsu.edu/asrf/2018/schedule/59>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Delta-Tocotrienol And Simvastatin Induces Differential Cytotoxicity And Synergy In Braf Wild-Type Sk-Mel-2 And Mutant Braf Sk-Mel-28 Melanoma Cancer Cells

Murtaza, Ghulam

<https://dc.etsu.edu/asrf/2018/schedule/214>
Clinch Mtn. Room 215

4/5/2018 8:00 AM

Pancreatic Pseudocyst Complicated By Hemorrhage Into The Peritoneal Cavity And Spleen

APPENDIX A: 2018 Appalachian Student Research Forum

Panta, Utsab R.

<https://dc.etsu.edu/asrf/2018/schedule/170>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Pantoea Agglomerans Bacteremia: A Rare Case Of Spontaneous Human Infection By A Plant Pathogen In An Immunocompromised Host.

Rao, Nandita S.

<https://dc.etsu.edu/asrf/2018/schedule/138>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Ischemic Colitis As A Result Of Abdominal Aortic Aneurysmorrhaphy

Singh, Kanwardeep

<https://dc.etsu.edu/asrf/2018/schedule/77>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

A Case Of Progressive Glomerulonephritis With Monoclonal Immunoglobulin Lambda Light Chain Deposition (Lcdd)

Tawadros, Fady

<https://dc.etsu.edu/asrf/2018/schedule/75>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Systemic Mastocytosis With Associated Cmml

Vedantam, Venkata S.H.

<https://dc.etsu.edu/asrf/2018/schedule/49>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Vitamin B12 Deficiency Anemia-Associated Malignancy Accelerated By Supplementation

Finniss, Mathew C. MD

<https://dc.etsu.edu/asrf/2018/schedule/179>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Sumatriptan Induced Coronary Vasospasm

Medical Student

Bowles, Alicia

<https://dc.etsu.edu/asrf/2018/schedule/147>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Gi Bleed In A Hemodialysis Patient With Calciphylaxis And Paroxysmal Atrial Fibrillation: Should Warfarin Therapy Be Continued?

Carey, Andrew J

<https://dc.etsu.edu/asrf/2018/schedule/140>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

A Classic Presentation Of Infective Endocarditis

Grimsley, Christina

<https://dc.etsu.edu/asrf/2018/schedule/113>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Case Report: Tension Pneumothorax Complicated By Massive Subcutaneous Emphysema

APPENDIX A: 2018 Appalachian Student Research Forum

Obeng, George

<https://dc.etsu.edu/asrf/2018/schedule/45>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Therapeutic Misadventure With A Beta Blocker During A Thyroid Storm In An Undiagnosed Hyperthyroid Patient.

Simon, Remil BS

<https://dc.etsu.edu/asrf/2018/schedule/165>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Treatment Of Cmv Vitritis In A Preterm Newborn

Wilhoite, David

<https://dc.etsu.edu/asrf/2018/schedule/73>

Clinch Mtn. Room 215

4/5/2018 8:00 AM

Life Threatening Gi Bleeding From Stomal Varices Managed By Tips And Amplatzer Plug Embolization

Humanities & Education

Undergraduate Student

Carr, Laura

<https://dc.etsu.edu/asrf/2018/schedule/118>

Ballroom

4/5/2018 8:00 AM

Cleopatra: Perceptions And Reality

Dinsmore, Kimberly

<https://dc.etsu.edu/asrf/2018/schedule/103>

Ballroom

4/5/2018 8:00 AM

Factor And Cluster Analysis Of Learning Orientation Questionnaire

Gilmer, Dustin

<https://dc.etsu.edu/asrf/2018/schedule/41>

Ballroom

4/5/2018 8:00 AM

Factors That Influence Success In Research Funding A Quantitative Study

Voiles, Rebekah

<https://dc.etsu.edu/asrf/2018/schedule/6>

Ballroom

4/5/2018 8:00 AM

Greed And Parrots: Examining The Emergence Of Pirate Tropes In Treasure Island

Natural Sciences & Engineering

Undergraduate Student

Anderson, Victoria

<https://dc.etsu.edu/asrf/2018/schedule/37>

Ballroom

4/5/2018 8:00 AM

Geostatistical Approach To Delineate Wetland Boundaries In The Cutshaw Bog, Tennessee

APPENDIX A: 2018 Appalachian Student Research Forum

Cox, Isaiah

<https://dc.etsu.edu/asrf/2018/schedule/100>

Ballroom

4/5/2018 8:00 AM *Multi-Wavelength Statistics Of Clumpy Galaxies*

Dempsey, Brian

<https://dc.etsu.edu/asrf/2018/schedule/207>

Ballroom

4/5/2018 8:00 AM *Small Mammal Mortality Caused By Roadside Containers On A Heavily Trafficked Forest Service Road In The Cherokee National Forest*

Dennis, Taylor

<https://dc.etsu.edu/asrf/2018/schedule/209>

Ballroom

4/5/2018 8:00 AM *Clumps And Clusters In Ring Galaxies*

Dunn, Brianne

<https://dc.etsu.edu/asrf/2018/schedule/180>

Ballroom

4/5/2018 8:00 AM *Hot, Cold, And Warm Interstellar Gas In Galaxy Mergers*

Gauck, Megan

<https://dc.etsu.edu/asrf/2018/schedule/110>

Ballroom

4/5/2018 8:00 AM *Evaluation Of Circadian Regulated Behavior In The Southern Black Widow, Latrodectus Mactans*

Magno, Macon

<https://dc.etsu.edu/asrf/2018/schedule/150>

Ballroom

4/5/2018 8:00 AM *A Study Of The H-Alpha Emission Line Shape In Beta Lyrae*

Magno, Melissa A.

<https://dc.etsu.edu/asrf/2018/schedule/126>

Ballroom

4/5/2018 8:00 AM *Spatial Interpolation Of Heavy Metal Concentrations In Soils Of Bumpus Cove, Tn*

McConnell, Nicholas

<https://dc.etsu.edu/asrf/2018/schedule/137>

Ballroom

4/5/2018 8:00 AM *Time-Lapse Monitoring Of Sidewall Mass-Wasting Events In A Northeast Tennessee Gully*

Musrock, Henry

<https://dc.etsu.edu/asrf/2018/schedule/141>

Ballroom

4/5/2018 8:00 AM *Superacidic Materials Based On Immobilized Phosphotungstic Acid*

Patel, Cheril

<https://dc.etsu.edu/asrf/2018/schedule/158>

Ballroom

4/5/2018 8:00 AM *Understanding Variation In The Effects Of Heterospecific Pollen Receipt: The Effect Of Pollen And Recipient Traits*

APPENDIX A: 2018 Appalachian Student Research Forum

Roden, John W. III

<https://dc.etsu.edu/asrf/2018/schedule/87>

Ballroom

4/5/2018 8:00 AM

Determining The Physiological And Behavioral Methods Of Salinity Tolerance In Corbicula Fluminea

Master's Student

Akande, Sodiq

<https://dc.etsu.edu/asrf/2018/schedule/58>

Ballroom

4/5/2018 8:00 AM

Investigating Different Modeling Techniques For Quantifying Heat Transfer Through Building Envelopes

Alabdulwaheed, Abdulhameed

<https://dc.etsu.edu/asrf/2018/schedule/175>

Ballroom

4/5/2018 8:00 AM

3D-Printed Fluidic Devices And Incorporated Graphite Electrodes For Electrochemical Immunoassay Of Biomarker Proteins

Alenazi, Mohrah

<https://dc.etsu.edu/asrf/2018/schedule/71>

Ballroom

4/5/2018 8:00 AM

Extraction And Purification Of Biologically Active Metabolites From The Rhodococcus Sp. Mtm3W5.2

Alharbi, Helal

<https://dc.etsu.edu/asrf/2018/schedule/197>

Ballroom

4/5/2018 8:00 AM

Synthesis Of Diazonium N-(Perfluoroalkyl) Benzenesulfonimide Zwitterionic Polymers For Proton Exchange Membrane Fuel Cells

Ametsetor, Ebenezer

<https://dc.etsu.edu/asrf/2018/schedule/64>

Ballroom

4/5/2018 8:00 AM

Synthesis Of Hydroxytyrosol Derivatives

Barker, Daniel A

<https://dc.etsu.edu/asrf/2018/schedule/188>

Ballroom

4/5/2018 8:00 AM

The Effects Of Invasive Plant Species On Pollen Transfer Networks In Southern Appalachian Floral Communities

Birchfield, Aaron

<https://dc.etsu.edu/asrf/2018/schedule/167>

Ballroom

4/5/2018 8:00 AM

Crystallization And Analysis Of Tag Effects Using A Flavonol Specific Glucosyltransferase From Grapefruit

Fasesin, Kingsley

<https://dc.etsu.edu/asrf/2018/schedule/30>

Ballroom

4/5/2018 8:00 AM

Improving Sinkhole Mapping Using Lidar Data And Assessing Road Infrastructure At Risk In Johnson City, Tn.

APPENDIX A: 2018 Appalachian Student Research Forum

Kalu, Chimdi

<https://dc.etsu.edu/asrf/2018/schedule/121>

Ballroom

4/5/2018 8:00 AM *Synthesis And Biological Significance Of 1,2,4-Oxadiazolidin-5-One*

Mingle, David

<https://dc.etsu.edu/asrf/2018/schedule/130>

Ballroom

4/5/2018 8:00 AM *Synthesis Of Pyrrolo[2,1-C] [1,4] Benzodiazepine -11- Hydrazinyl Devrivaties As A Potential Antimicrobial Agent*

Nanto, Darack B.

<https://dc.etsu.edu/asrf/2018/schedule/39>

Ballroom

4/5/2018 8:00 AM *The Eco-Smart Can V2.0*

Omadoko, Ovuokenye

<https://dc.etsu.edu/asrf/2018/schedule/169>

Ballroom

4/5/2018 8:00 AM *Simple Photochemical Reduction Of Carbon Dioxide To Formate Under Mild Acidic Conditions*

Peers, Justin

<https://dc.etsu.edu/asrf/2018/schedule/4>

Ballroom

4/5/2018 8:00 AM *Improving Volcano Risk Communication At The Long Valley Caldera And Mono-Inyo Craters Volcanic System, Eastern California, Usa*

Ragsdale, Raven

<https://dc.etsu.edu/asrf/2018/schedule/195>

Ballroom

4/5/2018 8:00 AM *Temperature Entrainment Of Two Different Circadian Rhythms In The Flesh Fly *Sarcophaga Crassipalpis**

Stanley, Amber

<https://dc.etsu.edu/asrf/2018/schedule/155>

Ballroom

4/5/2018 8:00 AM *The Effects Of Urbanization On Avian Seed Dispersal Success Of *Toxicodendron Radicans* (Anacardiaceae)*

Tedder, Amanda

<https://dc.etsu.edu/asrf/2018/schedule/53>

Ballroom

4/5/2018 8:00 AM *Impact Of Viviparity On Skeletal Development In A Reproductively Bimodal Squamate Species*

Wang, Haiyu

<https://dc.etsu.edu/asrf/2018/schedule/178>

Ballroom

4/5/2018 8:00 AM *Synthesis Of 2-Carbamoyl-4-Oxo-1,5-Diazabicyclo [3.2.1] Octane Derivatives As A Possible Inhibitors Of Serine B-Lactamases*

APPENDIX A: 2018 Appalachian Student Research Forum

Social & Behavioral Sciences

Undergraduate Student

Bailey, Benjamin

<https://dc.etsu.edu/asrf/2018/schedule/202>

Ballroom

4/5/2018 8:00 AM

The Relationship Among Prenatal Drug Exposure And Social Fear, Inhibitory Control, And Head Circumference

Bishop, Kaelyn

<https://dc.etsu.edu/asrf/2018/schedule/203>

Ballroom

4/5/2018 8:00 AM

Perception And Acceptability Of Violence In Video Games, Movies, And News

Carlisle, Makaila

<https://dc.etsu.edu/asrf/2018/schedule/5>

Ballroom

4/5/2018 8:00 AM

Outcomes Of Tennessee Youth As They Age Out Of Fostercare

Chambers, Jessica M.

<https://dc.etsu.edu/asrf/2018/schedule/101>

Ballroom

4/5/2018 8:00 AM

Internalizing Symptoms Associated With Emotional Abuse: An Examination Of Religious Social Support As A Moderating Variable

Clark, Emily A.

<https://dc.etsu.edu/asrf/2018/schedule/134>

Ballroom

4/5/2018 8:00 AM

Ptsd Symptoms And Military-Specific Stigma In United States Veterans

Cobb, Teliyah

<https://dc.etsu.edu/asrf/2018/schedule/186>

Ballroom

4/5/2018 8:00 AM

Mentally Ill Caregivers And Differential Patterns Of Substance Abuse In A Sample Of University Students

Fasanello, Nicholas A.

<https://dc.etsu.edu/asrf/2018/schedule/153>

Ballroom

4/5/2018 8:00 AM

Self-Esteem As A Mediator Of Internalized Stigma And Health In Sexual Minority Women

Ford, Emily E.

<https://dc.etsu.edu/asrf/2018/schedule/91>

Ballroom

4/5/2018 8:00 AM

Taking The Risk: Insufficient Communication Concerning Risky Driving Behaviors Among Young Drivers In Central Appalachia

Gardner, Aaron

<https://dc.etsu.edu/asrf/2018/schedule/32>

Ballroom

4/5/2018 8:00 AM

An Examination Of Erps Produced By Images Of Locations And Graspable Objects In An Oddball Task

APPENDIX A: 2018 Appalachian Student Research Forum

Hale, Elizabeth

<https://dc.etsu.edu/asrf/2018/schedule/1>

Ballroom

4/5/2018 8:00 AM

Relationship Of Military Service Branch To Rates Of Post-Traumatic Stress Disorder And Substance Use Disorder Among Appalachian Veterans

Long, Kelsey B.

<https://dc.etsu.edu/asrf/2018/schedule/210>

Ballroom

4/5/2018 8:00 AM

Effects Of Birth Order On Temperament And Language

Lunceford, Angel

<https://dc.etsu.edu/asrf/2018/schedule/22>

Ballroom

4/5/2018 8:00 AM

The Importance Of Baseline Analysis For Establishing Replicable, Evidence-Based Behavior Analytic Interventions: Implications For Researchers And Practitioners

McNair, Ragen D.

<https://dc.etsu.edu/asrf/2018/schedule/120>

Ballroom

4/5/2018 8:00 AM

Siblicide: Offender Patterns And Typologies.

Noe, Megan

<https://dc.etsu.edu/asrf/2018/schedule/151>

Ballroom

4/5/2018 8:00 AM

Appalachian Tennessee And Virginia Schools: A Role In Suicide Prevention Using Activity Involvement And Adult Connectedness As Key Markers.

Simpson, Zakery

<https://dc.etsu.edu/asrf/2018/schedule/192>

Ballroom

4/5/2018 8:00 AM

Adolescent Alcohol-Drinking Leads To Long Lasting Changes In The Medial Prefrontal Cortex

Stone, Samantha A.

<https://dc.etsu.edu/asrf/2018/schedule/156>

Ballroom

4/5/2018 8:00 AM

Indirect Effects Of Concealment On Health In Sexual Minority Women

Tanner, Katie J.

<https://dc.etsu.edu/asrf/2018/schedule/54>

Ballroom

4/5/2018 8:00 AM

Insomnia And Suicide Risk In Veterans: Conditional Indirect Effects Of Perceived Burdensomeness And Self-Compassion

Master's Student

Dubasi, Hima Bindu

<https://dc.etsu.edu/asrf/2018/schedule/52>

Ballroom

4/5/2018 8:00 AM

A Pilot Study On The Knowledge Of Sex- Trafficking In The United States Among A Sample Of College Students At A University In North- East Tennessee.

APPENDIX A: 2018 Appalachian Student Research Forum

Hawkins, Sarah

<https://dc.etsu.edu/asrf/2018/schedule/21>

Ballroom

4/5/2018 8:00 AM

Beliefs And Knowledge Regarding Hiv Transmission In Swaziland: A Comparison Between The Sexes

Kuku, Olubunmi

<https://dc.etsu.edu/asrf/2018/schedule/159>

Ballroom

4/5/2018 8:00 AM

Association Between Depression And Physical Health Among College Adults: The Mediating Roles Of Physical Activity And Diet

Liegel, Mckenzie

<https://dc.etsu.edu/asrf/2018/schedule/206>

Ballroom

4/5/2018 8:00 AM

Health Communication Strategies Among Non-Profit Organizations In Appalachia

Oke, Adekunle

<https://dc.etsu.edu/asrf/2018/schedule/27>

Ballroom

4/5/2018 8:00 AM

Recent Incidences And Trends Of The Top Five Cancers In Northeast Appalachian Tennessee

Osedeme, Fenose

<https://dc.etsu.edu/asrf/2018/schedule/55>

Ballroom

4/5/2018 8:00 AM

Individual And Contextual Factors Associated With Subclinical Atherosclerosis In Diabetes Patients In Rural Central Appalachia

Ouedraogo, Youssoufou

<https://dc.etsu.edu/asrf/2018/schedule/131>

Ballroom

4/5/2018 8:00 AM

Motivating Factors Of Blood Donation Among South Central Appalachian Adolescents

Pugh, Kelley C.

<https://dc.etsu.edu/asrf/2018/schedule/34>

Ballroom

4/5/2018 8:00 AM

Self-Forgiveness And Suicide Risk In Veterans: Examining Serial Linkages Of Shame And Interpersonal Needs

Treaster, Morgan K.

<https://dc.etsu.edu/asrf/2018/schedule/33>

Ballroom

4/5/2018 8:00 AM

Social Support And Psychological Distress In Cancer: Stress As A Mediator

Doctoral Student

Collins, Candice

<https://dc.etsu.edu/asrf/2018/schedule/191>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

The Prevalence And Trend Of Depression Among U.S. Veterans

APPENDIX A: 2018 Appalachian Student Research Forum

Gilley, Rebecca

<https://dc.etsu.edu/asrf/2018/schedule/171>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Crime In Tennessee: Differences In Perpetrator Gender And The Impact Of Rurality*

Hall, Benjamin B.

<https://dc.etsu.edu/asrf/2018/schedule/174>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Guilt And Ptsd Among Injured Combat Veterans: Implications Of Self-Compassion And Posttraumatic Growth*

Lemay, Carrie

<https://dc.etsu.edu/asrf/2018/schedule/168>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *The Relationship Between Adverse Childhood Experiences, Mental Health Outcomes, And Polypharmacy Among Psychiatric Inpatients In Secure Forensic Care*

Puszkiewicz, Kelcey

<https://dc.etsu.edu/asrf/2018/schedule/163>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Early Childhood Adversity, Socioecological Influences, And Delinquent Behaviors In A Treatment Sample Of Male Adolescents*

Weber, Amy J.

<https://dc.etsu.edu/asrf/2018/schedule/125>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Differences In Access To Contraceptive Services Between Rural And Non-Rural Clinics In South Carolina*

Biomedical & Health Sciences

Undergraduate Student

Adkins, Caleb

<https://dc.etsu.edu/asrf/2018/schedule/35>

Ballroom

4/5/2018 8:00 AM *Neuroinflammation In The C1Q/Tnf-Related Over-Expression Mouse Model Of Chronic Ethanol Exposure*

Carrasco, Tiffani

<https://dc.etsu.edu/asrf/2018/schedule/65>

Ballroom

4/5/2018 8:00 AM *Vitamin D Receptor Gene Expression In Human And Mouse Cingulate Cortex*

Coulthard, Jacob

<https://dc.etsu.edu/asrf/2018/schedule/47>

Ballroom

4/5/2018 8:00 AM *Oxidative Stress Susceptibility Of Oligodendrocytes In Major Depressive Disorder Is Widespread In The Brain*

APPENDIX A: 2018 Appalachian Student Research Forum

Crawford, Claire C.

<https://dc.etsu.edu/asrf/2018/schedule/148>

Ballroom

4/5/2018 8:00 AM

Deficiency Of Ataxia-Telangiectasia Mutated Kinase Affects Autophagy After Myocardial Infarction

Dillard, Cory

<https://dc.etsu.edu/asrf/2018/schedule/143>

Ballroom

4/5/2018 8:00 AM

Does Morphology Matter? The Fungal-Bacterial Inhibitory Interactions Of Candida Albicans And Alcaligenes Faecalis.

Dinsmore, Kristen

<https://dc.etsu.edu/asrf/2018/schedule/146>

Ballroom

4/5/2018 8:00 AM

Refrigerated Stability Of Diluted Cisatracurium, Rocuronium, And Vecuronium For Skin Testing After Perioperative Anaphylaxis

Drozd, Mateusz

<https://dc.etsu.edu/asrf/2018/schedule/161>

Ballroom

4/5/2018 8:00 AM

Amphibians And Reptiles As A Source Of Salmonella – A Review Of Salmonella Outbreaks In A Period Of Last Ten Years

Hall, Alexis

<https://dc.etsu.edu/asrf/2018/schedule/119>

Ballroom

4/5/2018 8:00 AM

The Long Term Effects Of Methylphenidate On The Brain

Harness, Denise

<https://dc.etsu.edu/asrf/2018/schedule/106>

Ballroom

4/5/2018 8:00 AM

A Comparison Of Unsupervised Methods For Dna Microarray Leukemia Data

Keith, Sydney R

<https://dc.etsu.edu/asrf/2018/schedule/182>

Ballroom

4/5/2018 8:00 AM

Experimental Protocol For The Production Of Bacterial Expressed Ctrp3

Oliver, Joe

<https://dc.etsu.edu/asrf/2018/schedule/97>

Ballroom

4/5/2018 8:00 AM

Inhibition Of Focal Adhesion Kinase Promotes Adult Olfactory Stem Cell Self-Renewal And Neuroregeneration Via Ciliary Neurotrophic Factor

Singal, Sakshi

<https://dc.etsu.edu/asrf/2018/schedule/11>

Ballroom

4/5/2018 8:00 AM

Burkitt'S Lymphoma Masquerading As Acute Cholecystitis And Vaginal Bleeding

APPENDIX A: 2018 Appalachian Student Research Forum

Trogen, Greta

<https://dc.etsu.edu/asrf/2018/schedule/72>

Ballroom

4/5/2018 8:00 AM *Analysis Of Oligomeric State Of Ctrp3 In Relation To Type 2 Diabetes*

Wanamaker, Salem

<https://dc.etsu.edu/asrf/2018/schedule/132>

Ballroom

4/5/2018 8:00 AM *Visualizing The Inhibitory Power Of A Novel Protein Against Citrobacter And Enterobacter Biofilms.*

Warren, Zachary C.

<https://dc.etsu.edu/asrf/2018/schedule/60>

Ballroom

4/5/2018 8:00 AM *Upregulating Of Cyp2E1 In Ethanol-Fed Mice With Transgenic Overexpression Of Ctrp3*

White, Grayson D.

<https://dc.etsu.edu/asrf/2018/schedule/48>

Ballroom

4/5/2018 8:00 AM *The Effects Of Simulated Spaceflight Conditions On The Mucin Lining Of The Mouse Uterine Tube*

Yuceer, Buse

<https://dc.etsu.edu/asrf/2018/schedule/157>

Ballroom

4/5/2018 8:00 AM *Does Alcaligenes Inhibit Other Staphylococcal Species?*

Britt, Nicholas M.

<https://dc.etsu.edu/asrf/2018/schedule/205>

Ballroom

4/5/2018 8:00 AM *Immunodeficient R2G2 Mouse Strain Yields Spleens With Unusual Cytoarchitecture And Sympathetic Innervation*

Master's Student

Ameen, Muhammad T.

<https://dc.etsu.edu/asrf/2018/schedule/24>

Ballroom

4/5/2018 8:00 AM *Vitamin B2 Reduces Amyloid-Beta Proteotoxicity And Improves Health In A Caenorhabditis Elegans Alzheimer'S Disease Model*

Degroat, Ashley R.

<https://dc.etsu.edu/asrf/2018/schedule/66>

Ballroom

4/5/2018 8:00 AM *The Effect Of Alcohol Consumption On Female Inflammation*

Elom, Hilary

<https://dc.etsu.edu/asrf/2018/schedule/116>

Ballroom

4/5/2018 8:00 AM *The Distribution Of Hepatitis C Virus Genotypes In Us Population. Data From Nhanes 2006-2016*

APPENDIX A: 2018 Appalachian Student Research Forum

Famojuro, Oluwaseun

<https://dc.etsu.edu/asrf/2018/schedule/187>

Ballroom

4/5/2018 8:00 AM

Association Of Substance Use And Obesity Among Adults In United States(Findings From Brfss 2016)

Hagood, Kendra L.

<https://dc.etsu.edu/asrf/2018/schedule/42>

Ballroom

4/5/2018 8:00 AM

Effect Of Ethanol On Autophagy Of Skeletal Muscle

Nowicki, Blake A.

<https://dc.etsu.edu/asrf/2018/schedule/122>

Ballroom

4/5/2018 8:00 AM

Young Adults With Cleft Lip And Palate: Are They Receiving Team Services?

Salamat, Julia

<https://dc.etsu.edu/asrf/2018/schedule/189>

Ballroom

4/5/2018 8:00 AM

The Role Of Cyp2A5 And Ppar-Alpha In Cadmium-Induced Liver Injury

Scruggs, Kent

<https://dc.etsu.edu/asrf/2018/schedule/50>

Ballroom

4/5/2018 8:00 AM

Analysis Of Neuroinflammatory Markers In The Btbr T+Tf/J Mouse Model Of Autism Spectrum Disorder

Shelton, Heath W.

<https://dc.etsu.edu/asrf/2018/schedule/166>

Ballroom

4/5/2018 8:00 AM

Inhibition Of Tnf-Alpha Decreases Microglia Activation In Rats Neonatally Treated With Poly I:C

Doctoral Student

Chapman, Rudy T.

<https://dc.etsu.edu/asrf/2018/schedule/17>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Axonal Regrowth Of Olfactory Sensory Neurons After Chemical Ablation With Methimazole

Gill, Wesley

<https://dc.etsu.edu/asrf/2018/schedule/68>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Epigenetic Transmission Of Nicotinic Effects Within The Neonatal Quinpirole Rodent Model Of Schizophrenia

Gong, Henry

<https://dc.etsu.edu/asrf/2018/schedule/51>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Importance Of Mitochondrial Nadph Generating Enzymes For Longevity

APPENDIX A: 2018 Appalachian Student Research Forum

Hicks, Courtney

<https://dc.etsu.edu/asrf/2018/schedule/81>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Medical Students' Self-Perceived Preparedness In Managing Patients With Bppv*

Madon, Katelyn

<https://dc.etsu.edu/asrf/2018/schedule/127>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Investigating Orphan Response Regulators In The Opportunistic Pathogen Pseudomonas Aeruginosa*

Rahman, Abir

<https://dc.etsu.edu/asrf/2018/schedule/3>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Association Of E-Cigarette Use With Coronary Heart Disease Among U.S. Adults*

Thode, Madison P.

<https://dc.etsu.edu/asrf/2018/schedule/135>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *A Comparison Of Word Recognition Performance For Young Adults With Normal Hearing When Listening To Two Speakers*

Education & Learning

Medical Student

Cox, Taylor

<https://dc.etsu.edu/asrf/2018/schedule/86>

Ballroom

4/5/2018 8:00 AM *Promoting Health Education And Literacy In Rural Tennessee: The Go-Packs Pilot Project*

Master's Student

Mensah-Bonsu, Patience

<https://dc.etsu.edu/asrf/2018/schedule/149>

Ballroom

4/5/2018 8:00 AM *Examining The Effects Of A Teacher Training System On Preschool Teachers' Productive And Non-Productive Conversation With Children During The Free Play Time: Using A Multiple Baseline Experimental Design*

Chavez Reyes, Denise A.

<https://dc.etsu.edu/asrf/2018/schedule/20>

Ballroom

4/5/2018 8:00 AM *An Assessment Of The Factors That Increase The Likelihood Of Hispanics Students To Attend Higher Education*

APPENDIX A: 2018 Appalachian Student Research Forum

Doctoral Student

Sareh, Narges

<https://dc.etsu.edu/asrf/2018/schedule/82>

Ballroom

4/5/2018 8:00 AM *Gender Differences In Preschool Teachers' Math Talk With Children*

Pharmacy

Pharmacy Student

Archibald, Timothy

<https://dc.etsu.edu/asrf/2018/schedule/88>

Ballroom

4/5/2018 8:00 AM *Refrigerated Stability Of Diluted Succinylcholine, Pancuronium, And Atracurium*

Gardner, Austin

<https://dc.etsu.edu/asrf/2018/schedule/63>

Ballroom

4/5/2018 8:00 AM *Metabolic Targets Of Gnaphalin Mediated Apoptosis In Colon And Pancreatic Cancer Cell Lines*

Ketchem, Shannon

<https://dc.etsu.edu/asrf/2018/schedule/104>

Ballroom

4/5/2018 8:00 AM *Dopamine Cell Loss Within The Nigrostriatal Pathway Due To Oxidative Stress From Chronic Methylphenidate*

Lawson, Sarah

<https://dc.etsu.edu/asrf/2018/schedule/102>

Ballroom

4/5/2018 8:00 AM *Stability Of Oral Vitamin K Solutions Stored In Amber Plastic Syringes*

Mcquire White, Kathleen

<https://dc.etsu.edu/asrf/2018/schedule/181>

Ballroom

4/5/2018 8:00 AM *Interprofessional Transitional Care Teams Reduce Medications Needed Post-Discharge*

Schreiner, Shannon C.A.

<https://dc.etsu.edu/asrf/2018/schedule/196>

Ballroom

4/5/2018 8:00 AM *Pharmacokinetics Of Synthetic Cathinones Found In "Bath Salts" In Mouse Brain And Plasma Using Liquid Chromatography - Mass Spectrometry*

Sondergaard, Jeffrey

<https://dc.etsu.edu/asrf/2018/schedule/185>

Ballroom

4/5/2018 8:00 AM *Comparison Of Two Rat Somatotroph Cell Lines To Examine Tissue-Specific Transcription Of Growth Hormone*

APPENDIX A: 2018 Appalachian Student Research Forum

Yoo, Harrison

<https://dc.etsu.edu/asrf/2018/schedule/28>

Ballroom

4/5/2018 8:00 AM

Dissolution Analysis Of Otc Coenzyme Q10 Dietary Supplements

Social, Behavioral, Biomedical & Health Sciences

Medical Resident or Clinical Fellow

Arif, Sarah MD

<https://dc.etsu.edu/asrf/2018/schedule/46>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

A De Novo Presentation Without Renal Failure.

Dave, Havya

<https://dc.etsu.edu/asrf/2018/schedule/160>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Spirometry And Improving Clinical Decision Making In Reactive Airway Diseases

Farmer, Cortney

<https://dc.etsu.edu/asrf/2018/schedule/162>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Outpatient Evaluation & Management Billing And Coding: Development Of Enduring Curriculum For Pgy1 Resident Education In A Rural Family Medicine Practice

Gaddam, Sathvika

<https://dc.etsu.edu/asrf/2018/schedule/70>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Critical Upper Limb Ischemia In A Patient With New-Onset Atrial Fibrillation

Garner, Chris

<https://dc.etsu.edu/asrf/2018/schedule/105>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Improving Male Vaccine Uptake For Human Papilloma Virus In A Family Medicine Residency Program

Hollis, Jason

<https://dc.etsu.edu/asrf/2018/schedule/190>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Improving Annual Screening For Lung Cancer In Targeted Adult Populations In A Rural Family Medicine Residency

Jones, Curry

<https://dc.etsu.edu/asrf/2018/schedule/183>

Whitetop Mountain Room 225

4/5/2018 8:00 AM

Improving Knowledge Of Hepatitis C Screening Guidelines Among A Population Of Family Medicine Residents

APPENDIX A: 2018 Appalachian Student Research Forum

Khalaf, Rossa

<https://dc.etsu.edu/asrf/2018/schedule/173>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Marginal Zone Lymphoma With Hyper Viscosity Syndrome Responding To Plasmapheresis And Chemo Immunotherapy*

Patel, Amit

<https://dc.etsu.edu/asrf/2018/schedule/200>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Addressing Gaps In Immunization Rates In A Family Medicine Residency Clinic*

Reddy, Dheeraj MD

<https://dc.etsu.edu/asrf/2018/schedule/211>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Renal And Testicular Myeloid Sarcoma Defines Acute Myeloid Leukemia Even In The Absence Of Blood And Marrow Involvement*

Sriramoju, Vindhya MD

<https://dc.etsu.edu/asrf/2018/schedule/201>

Whitetop Mountain Room 225

4/5/2018 8:00 AM *Elizabethkingia Meningoseptica Bacteremia Associated With Infective Endocarditis In An Intravenous Drug Abuser*

Medical Student

Allred, Delayne

<https://dc.etsu.edu/asrf/2018/schedule/164>

Mt. Mitchell Room 220

4/5/2018 8:00 AM *Improving Coding Behaviors Among Physicians In A Rural Family Medicine Residency Program*

Blosser, Peter

<https://dc.etsu.edu/asrf/2018/schedule/2>

Mt. Mitchell Room 220

4/5/2018 8:00 AM *Differential Diagnosis Of Pan-Uveitis: Behçet'S Disease*

Chan, Adam Y.

<https://dc.etsu.edu/asrf/2018/schedule/19>

Mt. Mitchell Room 220

4/5/2018 8:00 AM *Mental Health Intervention Strategies For Youth In Rural Northeast Tn*

Kolagatla, Sandhya

<https://dc.etsu.edu/asrf/2018/schedule/89>

Mt. Mitchell Room 220

4/5/2018 8:00 AM *Familial Polycythemia Likely Due To Novel Hemoglobin Variant- Hemoglobin Hyden*

Kwak, Hakyong G.

<https://dc.etsu.edu/asrf/2018/schedule/85>

Mt. Mitchell Room 220

4/5/2018 8:00 AM *Knowledge And Perceptions Of Aces (Adverse Childhood Experiences) Among Parents And Providers In Northeast Tennessee*

APPENDIX A: 2018 Appalachian Student Research Forum

Lee, Katie

<https://dc.etsu.edu/asrf/2018/schedule/144>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Determining The Efficacy For Training Medical Students On Domestic Violence And Sexual Assault Survivor Support

Miller, Brandon

<https://dc.etsu.edu/asrf/2018/schedule/184>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Effects Of Podocyte Dysfunction On The Susceptibility To Hypertensive Glomerulosclerosis

Minhas, Ahmed

<https://dc.etsu.edu/asrf/2018/schedule/212>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

When Imaging Predicts Aggressiveness Of Large B Cell Lymphoma Biology

Neighbor, Rebecca

<https://dc.etsu.edu/asrf/2018/schedule/69>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Gojoco Trail Awareness

Rahimi-Saber, Anahita

<https://dc.etsu.edu/asrf/2018/schedule/128>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Transgender Medicine Integrated Grand Rounds: Are Medical Students Receiving Enough Education To Competently Care For Our Patients?

Shipley, Lindsey C. BS

<https://dc.etsu.edu/asrf/2018/schedule/154>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

15 Lox 1 Up-Regulation And Cytotoxicity With Γ -Tocotrienol In Hct-116 Colon Cancer Cells

Shoemaker, Griffin

<https://dc.etsu.edu/asrf/2018/schedule/18>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Prenatal Drug And Related Exposures In Infant Patients Of A Northeast Tennessee Pediatric Primary Care Clinic

Ververis, Megan

<https://dc.etsu.edu/asrf/2018/schedule/67>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

A Case Report Of Krukenberg Tumor Arising From Small Bowel Adenocarcinoma

Whicker, Wyatt

<https://dc.etsu.edu/asrf/2018/schedule/204>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Discovery Of A Novel Anti-Neuroinflammatory Treatment For Auditory Sensorimotor Gating In Two Rodent Models Of Schizophrenia

Zalewski, Jacob T.

<https://dc.etsu.edu/asrf/2018/schedule/29>

Mt. Mitchell Room 220

4/5/2018 8:00 AM

Severity Of Acute Kidney Injury In Mice Associated With Ischemia Duration And Gender