

The University of Alabama Proudly Hosts

*Inaugural Conference
February 12th, 13th, & 14th*

*At Lloyd Hall 227 and Hotel Capstone Governor's
Room*



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<http://seeps2016.weebly.com/>



SEEPS Website QR

**SouthEastern Evolutionary
Perspectives Society**

Schedule: Friday, Feb. 12th

Time	Event	Location
10:00 am	Registration Opens	Outside Lloyd 227
12:00 pm	Welcome: Dean Robert Olin	Lloyd 227
12:20 pm	Welcome: Christopher Lynn	Lloyd 227
1:00 pm	Talk: Garza, Ray et al.	Lloyd 227
1:20 pm	Talk: Rhodes, Tyler	Lloyd 227
1:40 pm	Break	
2:00 pm	Talk: Roy, Nick	Lloyd 227
2:20 pm	Talk: Murray, Gregg	Lloyd 227
2:40 pm	Talk: Evans, William	Lloyd 227
3:00 pm	Break	
3:20 pm	Talk: Medlin, Mary	Lloyd 227
3:40 pm	Talk: DeCaro, Jason	Lloyd 227
4:00 pm	Talk: Bermond, Aaron et al.	Lloyd 227
4:20 pm	Talk: Lustgraaf, Christopher et al.	Lloyd 227
4:40 pm	Talk: Hutchenson, Adam	Lloyd 227
5:00 pm	Talk: Kruger, Daniel	Lloyd 227
5:20 pm	Break	
5:40 pm	Talk: Makhanova, Stacey	Lloyd 227
6:00 pm	Talk: Brown, Mitch et al.	Lloyd 227
6:20 pm	Talk: Daugherty, Ashley	Lloyd 227
7:00 pm	Banquet	Hotel Capstone: Governor's Room
7:30 pm	Keynote: Dean Falk	Hotel Capstone: Governor's Room

Name(Last)	Title of Proposal
Garze	Male and Female Perception of Physical Attractiveness: An Eye Movement Study
Rhodes	Exploring Evolution Through Art
Roy	The Evolution of Sexual Fluidity: Increased Sexual Fluidity is Correlated With Increased Prosocial Behavior in a Cross-Cultural Analysis
Murry	Testing the Effect of Moral Foundation Theory as a Tool for Mobilizing Voters: A Two-site Field Experiment
Evans	From Blockbusters to Experimental Cinema: Film in its Evolutionary Context
Medlin	Why do We Believe? An Exploration of Non-Religious Factors in Religious Belief
DeCaro	Middle Passage to Wheat Gluten: Overcoming Just-So Stories in Evolutionary Medicine
Bermond	The Lipstick Effect and Automatic Visual Attention
Lustgraaf	Self-protection Motives and Adaptive Face Processing
Hutcheson	Spatial Cognition: Necessary Tools in the Evolved Toolbox
Kruger	The Impacts of the Population Sex Ration Across the Life Course in Modern Human Populations
Makhanova	Testosterone and Partner Self-Blame: Physiological and Psychological Reactions to Discussions of Marital Problems
Brown et al.	Recalibrating Women's Long-Term Mate Preferences with Fitness Indicators: Put a (Limb)al Ring on It?
Daugherty	Operation Sappho: Finding the Links Between Sexual Fluidity and Prosocial Behavior
Falk	The Evolution of Asperger Syndrome: A Cross-Disciplinary Perspective

Schedule: Saturday, Feb. 13th

Time	Event	Location
8:30 am	Talk: Geher, Glenn, et al.	Lloyd 227
9:20 am	Talk: Hawley, Patricia	Lloyd 227
9:40 pm	Talk: Garvey, Killian	Lloyd 227
10:00 am	Talk: Holtzman, Nick	Lloyd 227
10:20 am	Talk: Freuman, Ari	Lloyd 227
10:40 am	Talk: Howells, Michaela	Lloyd 227
11:20 am	Talk: Kopaska-Merkel, David	Lloyd 227
11:40am - 2:00pm	Lunch	
2:00 pm - 3:00 pm	Posters	Lloyd 227
3:20 pm	Talk: Glaze, Amanda	Lloyd 227
3:40 pm	Talk: Williams	Lloyd 227
4:00 pm	Talk: Ehret, Dana, et al.	Lloyd 227
4:20 pm	Talk: Philips, Rachael, et al.	Lloyd 227
4:40 pm	Talk: Rivera, Isabella/Muzzo, Jessica	Lloyd 227
5:00 pm	Break	
5:20 pm	Talk: Duncan, Emma	Lloyd 227
5:40 pm	Talk: Brooks, John S. and Suttom	Lloyd 227
6:00 pm	Talk: Moser, Cody	Lloyd 227
6:20 pm	Talk: Rector, Amy, et al.	Lloyd 227
7:00 – 10:00 pm	Dinner and Drinks/Student Mixer	Druid City

Name(Last)	Title of Proposal
Geher	Darwin's Grass Roots: A Message of Support from NEEPS to SEEPS
Hawley	Fear and Loathing in West Texas: Reducing Teachers Anxiety and Increasing Their Efficacy About Teaching Evolution
Garvey	The Morality of Global Warming
Button	The Waston Card Selection Task and Belief in God
Freuman	Masculine Facial Architecture Decreases Mating Intelligence in Ovulating Females
Gomez, Diego	Tightness-Looseness and Darwin: Stressful Environment Rejects the Theory of Evolution
Kopaska-Merkel	Mounds but No reefs in the Mississippian of Alabama
Philips, et al.	The Dominion Mandate and Evolution: Sexism Undermines Understanding for Women but Not for Men
Williams	Ontological Beliefs in High Versus Low Pathogen Regions: A Replication Geher and Gambacorta
Russell	Parthenogenesis-Inducing Wolbachia and the Evolution of Obligate Reproductive Parasitism
Ehret, et al.	The Use of 3-D Printing Fossils to Teach Evolution in the Classroom
Glaze	Evolutionary Perceptions in the 21st Century: A National Snapshot of Undergraduate Students
Rivera/Muzzo	Secular Belongingness in Religious Congregations Leads to Lower Stress
Duncan	Multi-Sensory Campfire Experiences Influence Lower Electrodermal Response
Brooks & Suttom	The Evolution of Systems Theory: Illustrated through Shakespearean Comedy and Tragedy
Moser	Anti-Predatory Behaviors in Nocturnal Primates at the Duke Lemur Center
Rector, et al.	Integrating Anthropology and Biology: Comparing Success Rates and Learning Outcomes Across Majors When Taking Human Evolution

Schedule: Sunday, Feb. 14th

Time	Event	Location
8:30 am	Workshop	Lloyd 227
9:20 am	Talk: Brooks, John S. and Garvey	Lloyd 227
9:40 am	Talk: Outlaw, Diana	Lloyd 227
10:00 am	Talk: Burgess, Victoria, et al.	Lloyd 227
10:20 am	Talk: Russell, James	Lloyd 227
10:40 am	Talk: Hale, David	Lloyd 227
11:00 am	Break	
11:20 am	Talk: Martin, Anthony	Lloyd 227
11:40 pm	Talk: Rindsberg, Andrew, et al.	Lloyd 227
12:00 pm	End	

Name(Last)	Title of Proposal
Brooks & Garvey	Cognitive Reflection and Morality: Type 2 Thinking Predicts Restricted Moral Sensitivity
Outlaw	Darwin Week at Mississippi State University: Challenges and Small Triumphs
Burgess, et al.	The Cost of Sex and Wolbachia Infection in Trichogramma Wasps
Russell	Parthenogenesis-inducing Wolbachia and the Evolution of Obligate Reproductive Parasitism
Hale	Abduction and Deduction and Back Again: A Historical Perspective of Human Communication
Martin	Trace Fossils and Ichology as an Integral Part of Evolutionary Studies and Education
Rindsberg	Implications of Behavioral Evolution for the Taxonomy of Trace Fossils

Detailed information on all Abstracts can be found by scanning the QR Code and following the link to the SEEPS Website:



Saturday, Feb. 13th Poster Presentations (2-3pm) | Lloyd 227

Button, Taylor	Zoonotic Versus Nonzoonotic Pathogens and Regional Differences in Incarceration Rates
Button, Taylor	The Wason Card Selection Task and Belief in God
Brooks, John S.	Individual Differences in Cognitive Style and Ontological Worldviews
Chidester, Trever	Changing the Direction of Evolution: From Buffon's Species Degeneration to Lamarck's Organic Progression
Gaddy, Cole	Technology Impact on Relationships in High School Students
Glaze, Jaymon	From a Student's Perspective: Evolution and Controversy in School
Gresham, Jennifer	Potential Fitness Consequences of Self-Fertilization Versus Outcrossing for the Mangrove Rivulus Fish
Lewis, Lauren	Ratings of Attraction in Line with Gender Identity
Medlin, Mary	Fear of the Unknown: The Palliative Effects of Religious Beliefs
Richardson, Mark	The Physical Activity/Health Relationship from an Evolutionary Perspective: A Literature Review
Scrivener, Coltan	Unpredictable Exams: The Lions of the Classroom
Wedberg, Nicole	Partner Insurance in Homosexual Women

Keynote Address

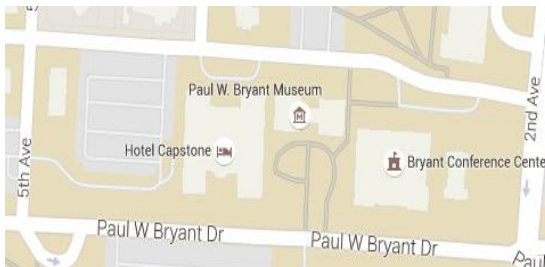
Dean Falk

Professor of Anthropology
at Florida State University



Title: The Evolution of Asperger Syndrome: A Cross-Disciplinary Perspective

“Asperger Syndrome (AS) is a form of autism that is associated with average to gifted intelligence, timely language development, intensely focused and repetitive interests, and extremely poor social understanding and interaction. Despite the fact that Asperger disorder was dropped from the 2013 edition of the American Psychiatric Association’s Diagnostic and Statistical Manual of Mental Disorders (DSM5), many scientists continue to recognize this condition as one that is distinct from other subtypes of autism—and with good reason. Instead of melding seamlessly with High Functioning Autism (HFA) on one “spectrum,” AS differs from HFA in certain behavioral, cognitive, neuroanatomical, and genetic features, many of which are related to different trajectories for language development. In this talk, I will discuss the mounting evidence that shows that AS may be understood as a natural part of variation that occurred during evolution of the human brain and cognition. Viewing AS within a cross-disciplinary evolutionary perspective has implications not only for education, but also for reconciling society’s ambivalence about whether to regard it as a pathology or venerate those who manifest its traits (e.g., Lisbeth Salander in *The Girl with the Dragon Tattoo*). In fact, accumulating research from various disciplines suggests that (with apologies to the late geneticist Theodosius Dobzhansky) nothing in Asperger syndrome “makes sense except in the light of evolution.”



Friday, Feb. 12th

Banquet: 7:00 pm -10:00pm

Keynote Event: 7:30 pm

Location: Hotel Capstone

Address: 320 Paul W Bryant Dr,
Tuscaloosa, AL 35401

Druid City Student Mixer (Saturday 13th)



Time: 8:00 pm

Students! Come join the fun social gathering. Under 21 welcome too.

Address: 607 14th St, Tuscaloosa, AL 35401

Restaurants & Bars

Hooligans Restaurant (Mediterranean)

Address: 1915 University Blvd, Tuscaloosa, AL 35401

Hours: Sun-Thur 11am-10pm | Fri/Sat 11am-11pm

DePalma's Italian Café

Address: 2300 University Blvd, Tuscaloosa, AL 35401

Hours: Sun 11am-9pm, M-Thr 11am-10pm, Fri/Sat 11am-10pm

Mellow Mushroom (Pizza)

Address: 2230 University Blvd, Tuscaloosa, AL 35401

Hours: Sun 12-9pm | Mon-Sat 11 am – 10 pm

Surin of Thailand

Address: 1402 University Blvd, Tuscaloosa, AL 35401

Lunch: M/F 11-2pm, Sat/Sun 11:30 - 2:30pm, **Dinner:** Sun-Th 5:00 - 9:30pm, F/Sat 5- 10pm, **Night Sushi:** Th-Sa 11pm-1am

Swen Chinese Restaurant

Address: 1130 University Blvd B2, Tuscaloosa, AL 35401

Alcove International Tavern

The Alcove is Tuscaloosa's first upscale neighborhood tavern where you can enjoy top-shelf beverages served with a generous 2oz every time.

Address: 730 22nd Ave, Tuscaloosa, AL 35401

Hours: Sun Closed, M-Th 4pm-2am, Fri 3pm-3am, Sat. 3pm-2am

Druid City Brewing Company

If you're looking to kick back and relax, look no further than Druid City, home of Tuscaloosa's original brewery. Located on 15th street, the bar is host to craft beer, vinyl records, and a homey atmosphere.

Address: 607 14th St, Tuscaloosa, AL 35401

Hours: Sun. 12-9pm, M-F. 4-10pm, Sat. 12-10pm



Scan the QR Code for Druid City Website:

Around Tuscaloosa

Moundville Archaeological Park

Moundville is a prehistorical settlement once home to the ancient Mississippian culture who left behind the famed mounds some 6,000 years ago. **Hours:** the park and museum are open daily from 9 a.m. to 5 p.m.

University of Alabama Arboretum

The University of Alabama Arboretum maintains plant collections for botanical education and appreciation. The Arboretum features walking trails through a native woodland section, a wildflower garden, a collection of ornamental plants, an experimental garden, and a children's garden. **Hours:** 8:00 am – 5pm.

Kentuck Art Center

At the Kentuck Art Center in historic downtown Northport, Alabama, we offer exhibitions, classes, and shopping year-round. **Hours:** Tues. – Fri. 10 am -5pm Sat. 10 am – 4:30 pm

Alabama Museum of Natural History

The museum is located on campus (Smith Hall) and is host to numerous specimens and collections detailing Alabama's rich and ancient past.

Hours: Mon.- Sat. 10 am – 4:30 pm



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Scan QR Code
for Smith Hall

Transportation & Parking

Amtrak Station – TCL (Tuscaloosa, AL)

Station Building with waiting room

Address: 2105 Greensboro Avenue Tuscaloosa, AL 35401

Tuscaloosa Regional Airport

Address: 7601 R Cardinal Airport Rd, Tuscaloosa, AL 35401

Tuscaloosa County Transit Routes

Hours of Operation:

Mon.-Fri: 5:00 am to 6:00 pm

Adults: \$1.00 | Transfer: \$0.20 | Kids 3 & under: Free

University of Alabama Campus Routes

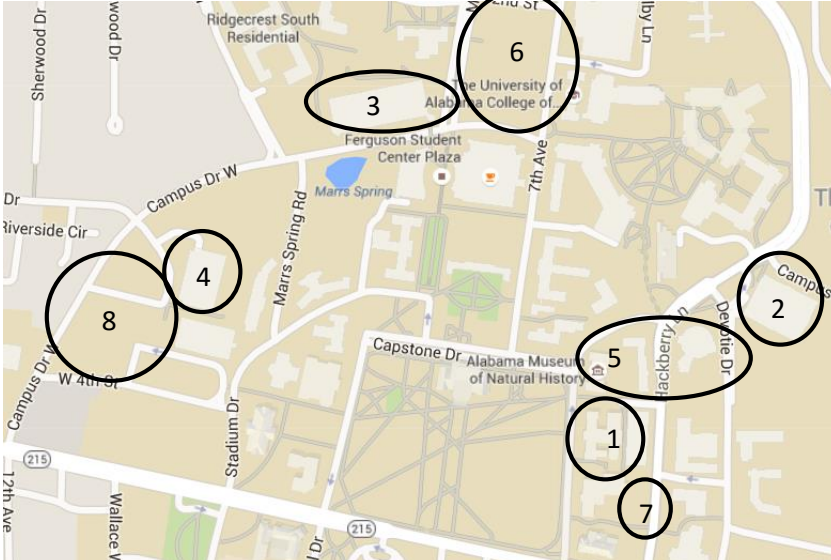
Operate: Mon-Fri 6:30 am to 7:00 pm

Perimeter Routes: 7:00 pm to 10:00 pm

Tuscaloosa Transit



UA Routes

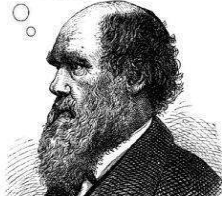
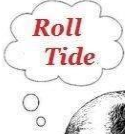


Visitors Parking Decks: 7:00 am to 6:00 pm | \$5 per day

Monday – Friday: After 6:00 pm & Weekends, all parking becomes public access (free to park).

1. SEEPS (Lloyd Hall) | 6th Ave, Tuscaloosa, AL 35401
2. Campus Drive Parking Deck (Visitors) | 451 Campus Drive East, Tuscaloosa, AL
3. Ferg Parking Deck (Visitors) | Ferguson Center Parking Deck, Tuscaloosa, AL 35401
4. North Ten Hour Parking Deck (Visitors) | Riverside Cir, Tuscaloosa, AL 35401
5. Faculty Parking (Smith/Bio) | 411 Hackberry Ln, Tuscaloosa, AL 35401
6. Faculty Parking (Ferguson Center) | 720 2nd St, Tuscaloosa, AL 35401
7. Faculty Parking (Lloyd/Nott) | 500 Hackberry Ln, Tuscaloosa, AL 35401
8. Student Parking (Ten Hour) | 451 Campus Dr. W, Tuscaloosa, AL 35401

SEEPS 2016 Sponsors:



UA Evolutionary Studies Program & Club



THE UNIVERSITY OF
ALABAMA

Human Behavior & Evolution Society



Program Committee

- Dana Ehret*
- Amanda Glaze
- Kilian Garvey
- Richard Haynes
- Michaela Howells
- David Kopaska-Merkel*
- Jeff Lozier*
- Christopher Lynn*
- Steven Platek
- Laura Reed

*SEEPS Hosting Site members at the University of Alabama

Volunteers!

- Melinda Carr
- Ashley Daugherty
- Emma Duncan
- Juliann Friel
- Berkeley Hall
- Kelly Likos
- Danny Mendez
- Bella Rivera
- Nick Roy
- Caitly Walker

About SEEPS:

While based on a similar model in the northeast, *NEEPS* (NorthEastern Evolutionary Psychology Society) that developed out of the international Human Behavior & Evolution Society (*HBES*), SEEPS will be more inclusive of all evolutionary studies, including evolutionary biology, animal behavior, paleontology, and other relevant research at all levels. We especially encourage creativity in proposals, such as submissions in the arts or other forms not common at traditional scientific conferences.

This inclusivity will enable SEEPS to build on the efforts of the Evolutionary Studies program at the University of Alabama and NESCent, which is a successful scholarly outreach program in the southeastern U.S