

**Contact Information**

Judith Alicia Askew, Ph.D.  
Associate Professor & Department Chair  
Department of Psychology

Work: Presbyterian College  
503 South Broad Street  
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**Education****University of Georgia**

Athens, Georgia

Program, Department:

Neuroscience and Behavior, Psychology Department

Degree:

Ph. D., 2002

Dissertation:

Effects of amygdala lesions on behavioral responses to social defeat in male Syrian hamsters. (Chairperson: Gaylen Edwards, Ph.D.)

**University of Georgia**

Athens, Georgia

Program, Department:

Biological Psychology, Psychology Department

Degree:

M. S., 1998

Thesis:

Limbic System modulation of neuroendocrine stress mechanisms: Behavioral responses of defeat stress and secondary hormonal effects (Chairperson: Bradford N. Bunnell, Ph.D.)

**Presbyterian College**

Clinton, South Carolina

Major:

Psychology

Degree:

B. S., 1992 (December)

Honors Thesis:

Vicarious classical conditioning: Fear relevance and irrelevance with heart rate as minimal cue (Advisor: Marion T. Gaines, Ph.D.)

**Teaching Experience****Presbyterian College****Assistant Professor: Fall 2004-Spring 2010; Associate Professor: Spring 2010-present***Psychology Department (Fall 2004-Fall 2014)*

- Introductory Psychology
- Experimental Study of Behavior (with lab)
- Physiological Psychology (with lab)
- Drugs and Behavior
- Sensation and Perception (with lab)
- Internship Advisor
- Honors Research
- Research (non-Honors)
- Capstone
- Psychology of Second Languages (Spain Maymester, 2012)
- Psychology & Modern Neuroscience in Spain (Spain Maymester, 2014)

**Morris Brown College: Post-doctoral Fellow***Instructor, Psychology Department (part-time)*

- Behavioral Neuroscience (with lab) Spring 2003

**University of Georgia (Graduate Student)***Instructor*

- Research Analysis Fall 1999

*Laboratory Instructor*

- Learning Spring 2000
- Research Design Fall 1996, Spring 2000
- Research Analysis 1997-1998
- Comparative and Physiological Psychology 1995-1996

**Supervisory/Mentorship Experience****Presbyterian College****Honors Research**

- Hill, Bailey (2014). Effect of defeat experience on learned avoidance in Syrian hamsters.
- McGill, Caroline (2011). Illumination Gradient in a Social Memory Apparatus. *Collaboration with Morgan Fragapane (Independent Research)*
- Pennington, Daniela (2010). Cannula implantation in the basolateral amygdala of the Syrian hamster (*Honors in Biology*)
- Roberts, Andrew (2009). Nicotine and Open Field Behavior in Male Adolescent Syrian Hamsters.
- Carroll, Kiersten (2008). Adolescent Nicotine Exposure and Open Field Behavior in Syrian Hamsters.
- Boyd, Trey (2009). Effects of Nicotinic Antagonist Mecamylamine on Social Memory in Male Syrian Golden Hamsters.
- Bond, Jaqueline (2005). Early environmental Enrichment and Spatial Working Memory in a Hippocampal-dependent Memory Task.

**Supervisory/Mentorship Experience (cont'd)****Presbyterian College****Research (non-Honors)**

- Carson, Maggie & Leitner, Kate (2014). Post Conflict Behavior in the Male Syrian Hamster
- Cullum, Det, Haugsnes, Erik, & Hanna, Michael (2013). Learned Avoidance in the Male Syrian Hamster: Effects of a Glucocorticoid Antagonist on Reconsolidation.
- Fragapane, Morgan (2011). Illumination Gradient in a Social Memory Apparatus. *Collaboration with Caroline McGill (Honors Research)*
- Fragapane, Morgan (2011). Effects of Social Defeat on Passive Avoidance.
- Fragapane, Morgan (2011). Effects of Mecamylamine on Locomotor Behavior in Male Syrian Hamsters.
- Slater, Samantha (2007). Wheel Running Activity and Voluntary Ethanol Consumption in Adolescent Male Hamster: Effects on Aggression in the Adult Hamster.

**PC Summer Fellows**

- Bordelon, Ashlyn (2015): Persistence of Avoidance Behavior in Defeated Male Syrian Hamsters
- Carson, Maggie & Gardner, Sarah (2013). Effect of Defeat Duration on Avoidance and Anxiety-like Behavior in the Syrian Hamster.
- Cullum, Det (2012). Social Defeat as an Aversive Stimulus.
- Palmer, Ian (2010). Effects of Nicotine Antagonists on the Formation of Social Memory in Male Syrian Hamsters.
- Roberts, Andrew & Pennington, Daniela (2008). Nicotine, Open Field Behavior, and Endocrine responses in Male Adolescent Syrian Hamsters.

**PC Research Interns**

- Destiny Willis (2015)
- Hannah Fulenwider (2014-2015)
- Kelsey Mitchell (2012)

**Morris Brown College***Center for Behavioral Neuroscience:*

- *Post-doctoral Fellow/Assistant Professor (part-time):* 1/01/02-8/15/2004
- *Research Associate & Assistant Professor (part-time):* 1/07/02-12/31/02
  - ◇ Supervision and research training of undergraduate research assistants. Assisted undergraduate researchers in the preparation of abstracts, poster presentations, and paper presentations. Attended scientific conferences with undergraduates.

**University of Georgia***Graduate Teaching Assistant for Research Analysis:* Fall 1999

- Supervised/mentored laboratory assistant in laboratory duties.

*Teaching Assistant Mentor:* 1996- 1998

- Provided assistance (teaching strategies, problem solving strategies, and teaching resources) to teaching assistants of specific undergraduate courses.
  - ◇ Research Design lab, 1998-1999
  - ◇ Physiological and Comparative Psychology lab, 1996-1997

*Small animal surgery*

- Trained fellow graduate students in various surgical procedures (castrations, neurotoxin lesions, and jugular catheters).

**Scientific/Honor Organizations and Societies**

American Psychological Association  
 Faculty for Undergraduate Neuroscience  
 Phi Kappa Phi, Honor Society  
 Pi Gamma Mu, Honor Society (Eta Chapter)  
 Psi Chi National Honor Society  
 Sigma Kappa Alpha, Honor Society  
 Society for Neuroscience  
 Society for the Teaching of Psychology  
 Southeastern Psychological Association

**Development: Workshops/conferences**

Appreciative Advising Workshop (PC Launch Program)	2014
Excel Pivot Table Workshop (Institutional Research & Assessment)	2013
Teaching Excellence (session led by Dr. Jay Michaels)	2013
Faculty Workshops: Honor Code & IRB	2012
Society for the Teaching of Psychology Conference: <i>24th Southeastern Conference on the Teaching of Psychology</i>	2011
Assessment workshop (PC)	2011
SPSS workshop	2011
Russell Teaching Workshop (sponsored by Thompson Library staff)	2011
Russell Teaching Workshop (Performance Task Academy)	2010
Master Plan Retreat, Presbyterian College	2010
Society for the Teaching of Psychology, Best Practices Conference: <i>Best Practices in Teaching Controversial Issues in Psychology</i>	2009
Teaching Excellence Workshop on Critical Thinking	2009
Teaching workshops hosted by the Russell Committee	2006, 2008, 2009
SCIS workshops	2006, 2008
Transformation of the College Library Workshop	2007
PC's Mentoring Program for new faculty (Lily Grant)	2005
Symposia, poster presentations: Society for Neuroscience Conference	2002-2003, 2006
Using Technology to Enhance the Teaching of Psychology (APA)	2002

**Service****Presbyterian College*****Committees***

- |   |                   |
|---|-------------------|
| • Faculty Governance Policy Advisory Board                                  | 2014-2015         |
| • Sexual Misconduct Board   | Fall 2013-present |
| • Student Conduct Board   | Fall 2013-present |
| • Grant review committee for pharmacy school in-house grants (SPARC grants) | 2012-2013         |
| • Provost Search Committee  | Fall 2012         |
| • Senior Faculty Council  | 2011-2013         |
| • Search committee (chair) for Psychology department                        | 2011/2012         |
| • Academic Affairs  | 2011-present      |
| • Greenhose Steering Committee  | 2011-2012         |
| • Search committee (chair) for Psychology department, 2 positions           | 2010/2011         |
| • Biology department search, outside member                                 | 2010              |

- Ad-hoc committee: Development faculty family leave policy 2009-2010
- Merit Pay 2007-2008
- Safety 2007-2008, 2015
- General Education 2008 (Spg), 2009-2012
- Writing Center Advisory 2007-present
- Institutional Animal Care and Use 2007-2013
- Search committee for English department 2007
- Search committee for Psychology department 2006/2007
- Faculty Development 2006-2007
- Faculty Status 2011-present
- Assignments (Chair, 2008/2009; 2011/2012) 2006-2008; 2009-2012
- Honor Council 2005-2010; 2014-2015
- Alcohol Advisory 2005-2006; 2008-2009

### *Departmental service*

- Department Chair 2011-present
- Travel to Lillehammer University College (Norway) to discuss development of summer and dual degree programs 2014
- Developed Psychology alumni database 2012
- Developed Moodle site for organizing department information 2012
- Addition of bulletin boards and cleaning of lab spaces 2012-2013
- BigSUR conference:
  - Registered students and provided travel (3 student presenters ) 2012
  - Registered students and provided travel (2 student presenters) 2013
  - Registered students and provided travel (3 student presenters) 2015
- Conducted adjunct searches 2011-2015
- Chair of search committee, tenure-track position 2011-2012
- Chair of search committee visiting and tenure-track positions 2010-2011
- Worked with Psi Chi to provide tutoring services and study sessions for Introductory Psychology students. 2008-2009
- Co-sponsor of PC's Psi Chi chapter (psychology honor society) 2007-2008
- Represented the department during Fall Visitation Day, Parents Day 2005-2013
- Connections with Morris Brown College allowed for the purchase of laboratory equipment at an affordable price. 2007
- Events hosted/planned for students
  - Assisted with annual Psychology major/minor dinner Fall 2007, 2009-2014
  - Assisted with annual dinner for Senior Psychology majors Spring 2014, 2015
  - Hosted annual Psychology major/minor dinner Fall 2008, Fall 2011
  - Hosted annual dinner for Senior Psychology majors Spring 2005, 2010, 2012, 2013
  - Dinner for Honors, Independent and Summer Fellows research students End of each project

### *Admissions activities*

- Videotaping of Drugs and Behavior class 2015
- Student/faculty-student panel member, Accepted Students Day 2011
- Student/Faculty Panel member, Spring Open House 2010
- Open classes to and meet with visiting students 2004-present
- Attended dinner with visiting guidance counselors 2010-2012; 2015

- Attended Russell workshop: Faculty assistance in the admission process 2009
  - Conducted interviews for Quattlebaum/Griffith scholarship semi-finals 2008-2015
  - Served on panel of interviewers for Quattlebaum scholarship finals 2009
  - Represented the Psychology Department during Visitation Day 2005-2012
- Assessment activities**
- Proctor for Spring Assessment 2012; 2014-15
  - Proctor for Freshman Assessment 2010-2014
- Community/Other**
- United Way campaign director for Art and Sciences Faculty 2013-2015
  - Guest speaker for two 7<sup>th</sup> grade science classes, Bell Street Middle School 2103
  - Reviewer: Southeastern Psychology Association Psi Chi Awards and Grants 2012-2014
  - Science Olympiad Coach (Experimental Design, Clinton High) 2012-2013
  - Student Shadowing (Animal Lab/Research): Middle School Project 2013 (Feb)
  - Administrative retreat as SFC representative 2011
  - Met with Board of Visitors: Discuss PC Summer Fellows program 2009
  - Recycling contact person for Harrington-Peachtree 2009-2010, 2011-2012
  - Relay for life team member (faculty team) at PC 2009
  - Division coordinator (Social Sciences) for Honors Day Symposium 2008-2015
  - Presider at session for Honors Day Symposium 2006-2009, 2012, 2014
  - Freshman orientation facilitator for SCIS diversity activity 2006
  - On planning team coordinating diversity activity (orientation) 2005
- Morris Brown College**
- Volunteer judge for University of Georgia sponsored science fair 2003-2004
- University of Georgia (Biopsychology Department)**
- Psi Chi, presentation judge 1999
  - Student/Faculty Representative 1998-1999
  - Student/Faculty Colloquium Coordinator 1998-1999
  - Program Bulletin Board 1998-1999
- Awards/Honors**
- Presbyterian College**
- Faculty Recognition, Football (Senior Day) 2013
  - Faculty Recognition, Softball 2012
  - Faculty Recognition, Lacrosse 2010
  - Valedictorian 1992
  - Senior Award in Psychology 1992
  - Rebecca Smith Senior Scholarship 1991-92
  - Army ROTC Scholarship 1989-91
  - Junior Fellow Scholarship 1988-92
- University of Georgia**
- Dissertation Travel Award 2000
  - Poster Award, Psi Chi 2000
  - Presentation Award, Psi Chi 1997
  - Teaching Assistantships 1995-2000

### Technical Expertise

- Surgical techniques (rodent): Stereotaxic surgery, radio-frequency lesions, neurotoxin lesions, jugular catheterization, castration, ovariectomy, intracranial cannula implantation followed by post-operative infusions.
- Behavioral/experimental techniques (rodent): Intravenous self-administration, treadmill training, resident-intruder interaction (acute, repeated, and conditioned defeat: scoring all aspects of rodent agonistic behavior), copulatory behavior, hoarding behavior, operant conditioning (shaping, implementing various schedules of reinforcement, discrimination training), food competition, radial arm maze, open field behavior (locomotion, thigmotaxic behavior), elevated plus maze behavior, and social memory following defeat.
- Histological/Histochemical/neurochemical techniques (rodent): Blood collection (live decapitation, vena cava draw, heart puncture, perfusion, and retro-orbital eye bleed), serum and plasma preparation, sectioning using freezing microtome, vibratome, and cryostat, slide preparation, basic histological cell-body staining (cresyl violet and thionin), norepinephrine receptor-binding assay, assisted with quantitative *in situ* hybridization histochemistry and autoradiography procedures.

### Publications

- Askew, A. & González, F. A. (in preparation). Some factors influencing learned avoidance in male Syrian hamsters.
- Askew, A. & González, F. A. (2014) A low-cost automated apparatus for investigating effects of social defeat in Syrian hamsters. *Behavior Research Methods*, 46(4). doi: 10.3758/s13428-013-0427-x
- Askew, A., González, F. A., Stahl, J. M., & Karom, M.C. (2006) Food competition and social experience effects on V1a receptor binding in the forebrain of male Long-Evans hooded rats. *Hormones and Behavior*, 49, 328-336.
- Solomon, M. B., Askew, J. A., Cooper, M. A., Huhman, K. L. (2003). Blunted stress response in previously defeated female hamsters. *Hormones and Behavior*, 44, 78.
- Holmes, P.V., Masini, C.V., Primeaux, S.D., Garrett, J.L., Duncan, A.A., Crystal, J. D. (2002). Intravenous self-administration of amphetamine is increased in a rat model of depression, *Synapse*, 46(1), 4-10.

### Undergraduate Journals

- Haugsnæs, E. & Askew, A. (2015). Learned avoidance in the male Syrian hamster: Investigating the outcome of a glucocorticoid antagonist on reconsolidation. *Journal of European Psychology Students*, 6(1), 10-16.
- Ambe, E., Gardner, L., Montelus, E., Pierce, E., Stahl, J. M., González, F., & Askew, A. (2004). A four-factor model for predicting drug effects. *Proceedings of the National Conference on Undergraduate Research*.

### Paper Presentations

- Askew, A. (2012, December). *Learned Avoidance in the Male Syrian Hamster*. Invited Presentation for the First Annual Presbyterian College Research Retreat for Faculty in Sciences and Pharmacy, Clinton, SC.
- Askew, A., & González, F. A. (2012, March). *An Improved Procedure for the Study of Social Conflict Memory in the Syrian Hamster*. Paper presented at the 2012 Advancing Psychology Spring Conference, Columbia, SC.
- Askew, A., González, F. A., Stahl, J. M., Karom, M., & Albers, H. E. (2003, July). *V1a receptor autoradiography and food competition in the rat*. Invited presentation to the Center for Behavioral Neuroscience Affiliative Collaboratory at Georgia State University, Atlanta, GA.



- González, F. A., Albers, E., Stahl, J., **Askew, A.**, & Karom, M. (2003, April). *V1a AVP receptor binding in the lateral septum and dominance in the rat*. Paper presented at the Fifteenth Annual meeting of the American Psychological Society, Atlanta, GA.
- González, F. A., Stahl, J. M., **Askew, A.**, Albers, E., Huhman, K., Karom, M., & Cooper, M. (2003, February). *An exploratory investigation of the neurophysiological concomitants of dominance in the rat*. Invited presentation to the Center for Behavioral Neuroscience Aggression Collaboratory at Georgia State University, Atlanta, GA.
- Duncan, A. A.** & Bunnell, B. N. (1998, March). *Limbic System modulation of neuroendocrine stress mechanisms: Behavioral responses of defeat stress and secondary hormonal effects*. Paper presented at the Twenty-second Annual Psi Chi Convention for the Behavioral Sciences, University of Georgia, Athens, Georgia.

### **Poster Presentations**

- Askew, A.** & González, F. (2015, May). *Length and repetition of defeat bouts affect subordinate hamsters' avoidance of their dominant opponents*. Poster presented at the 27<sup>th</sup> Annual Convention for the Association of Psychological Science, New York, NY.
- Askew, A.**, Roberts, A., & Pennington, D. (2010, February). *Nicotine, open field behavior, and endocrine activity in the male adolescent Syrian hamster*. Poster presented at Sixteenth Annual Convention of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- Askew, A.**, González, F. A., Stahl, J. M., Karom, M., & Albers, H. E. (2004, May). *Food competition and social experience effects on V1a receptor binding in the forebrain of male Long-Evans hooded rats*. Poster presented at the Annual Symposium for the Center for Behavioral Neuroscience, Atlanta, GA.
- González, F. A., **Askew, A.**, Stahl, J. M., Karom, M. C., & Albers, H. E. (2003, November). *V1a receptor binding in the limbic system of the rat is altered by agonistic interactions*. Poster presented at the Thirty-third Annual Convention for the Society for Neuroscience, New Orleans, LA.
- Solomon, M. B., **Askew, J. A.**, Cooper, M. A., & Huhman, K. L. (2003, June). *Blunted stress response in previously defeated female hamsters*. Poster presented at the Seventh Annual Convention for the Society for Behavioral Neuroendocrinology, Cincinnati, Ohio.
- Stahl, J. M., González, F. A., Belinsky, R., & **Askew, A.** (2003, May). *A 3-parameter hyperbola describes the response-reinforcement relation better than Herrnstein's hyperbola*. Poster presented at the Fifteenth Annual Convention for the American Psychological Society, Atlanta, GA.
- Askew, A.**, Bunnell B.N, & Huhman, K. L. (2002, November). *Effects of amygdala lesions on behavioral responses to social defeat in male Syrian hamsters*. Poster presented at the Thirty-second Annual Meeting for Society for Neuroscience, Orlando, FL.
- Duncan, A. A.**, Bunnell, B. N., Meyerhoff, J. M., & Saviolakis, G. A. (2000, November). *Effects of limbic system lesions on behavioral and neuroendocrine responses of social defeat in the male golden hamster*. Poster presented at the Thirtieth Annual Meeting for Society for Neuroscience, New Orleans, LA.
- Holmes, P.V., Garrett, J.L., Masini, C.V., Primeaux, S.D., & **Duncan, A. A.** (2000, November). *Intravenous self-administration of amphetamine is increased in the olfactory bulbectomized rat model of depression*. Poster presented at the Thirtieth Annual Meeting for Society for Neuroscience, New Orleans, LA



Masini, C.V., Primeaux, S.D., **Duncan, A. A.**, Garrett, J.L., & Holmes, P.V. (2000, April). *Intravenous self-administration of amphetamine is increased in the olfactory bulbectomized rat model of depression*. Poster presented at the Twenty-third Annual Psi Chi Convention for the Behavioral Sciences, University of Georgia, Athens, GA.

**Askew, J. A.** & Gaines, M. T. (1993, May). *Vicarious classical conditioning: Fear relevance and irrelevance with heart rate as minimal cue*. Poster presented at the Thirty-eighth Annual Meeting of the Southeastern Psychological Association, Atlanta, GA.

### **Selected Student Presentations**

#### **Papers, Advisor: Alicia Askew**

Fulenwider, H. & Willis, D. (2105, April). *Effect of defeat frequency on learned avoidance in Syrian hamsters*. Presbyterian College Honors Day Symposium, Clinton, South Carolina.

Hill, B. & Fulenwider, H. (2015, April). *Effect of defeat experience on learned avoidance in Syrian hamsters*. Presbyterian College Honors Day Symposium, Clinton, South Carolina.

Carson, M. & Gardner, S. (2014, April). *The effect of defeat duration on avoidance and anxiety-like behavior in the Syrian hamster*. Paper presented at Presbyterian College Honors Day Symposium, Clinton, SC.

Carson, M. & Leitner, K. (2014, April). *Post-conflict behavior in the male Syrian hamster*. Presbyterian College Honors Day Symposium, Clinton, SC.

Cullum, D., (2013, April). *Learned Avoidance in the Male Syrian Hamster*. Paper presented at Presbyterian College Honors Day Symposium, Clinton, SC.

Cullum, D., (2013, April). *Learned Avoidance in the Male Syrian Hamster*. Paper presented at the 2013 Big South Undergraduate Research Symposium, High Point University, High Point, N.C.,

Cullum, D., Haugsnes, E., & Hanna, M., (2013, April). *Learned Avoidance in the Male Syrian Hamster: Effects of a Glucocorticoid Antagonist on Reconsolidation*. Paper presented at Presbyterian College Honors Day Symposium, Presbyterian College, Clinton, SC.

McGill, C. & Fragapane, M. (2012, April). *Illumination Gradient in a Social Memory Apparatus*. Paper presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

McGill, C. (2012, April). *Illumination Gradient in a Social Memory Apparatus*. Paper presented at the 2012 Big South Undergraduate Research Symposium, Winthrop University, Rock Hill, NC.

Palmer, I. (2011, April) *Effects of Nicotine Antagonists on the Formation of Social Memory in Male Syrian Hamsters*. Paper presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

Pennington, D. (2010, April). *Cannula Implantation in the Basolateral Amygdala of the Syrian Hamster*. Paper presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

Roberts, A. & Pennington, D. (2009, April). *Nicotine, Open Field Behavior, and Endocrine Responses in Male Adolescent Syrian Hamsters*. Paper presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

### Posters, Advisor: Alicia Askew

\*Fulenwider, H., Willis, D. & Askew, A. (2015, April). *Effect of defeat frequency on learned avoidance in Syrian hamsters*. Poster presented at the 7th Annual Big South Undergraduate Research Symposium, Campbell University, Buies Creek, N.C. **\*Won a BigSURS presentation award**

Hill, B., Fulenwider, H., & Askew, A. (2015, April). *Effect of defeat experience on learned avoidance in Syrian hamsters*. Poster presented at the 7th Annual Big South Undergraduate Research Symposium, Campbell University, Buies Creek, N.C.

Carson, M., Leitner, K., Gardner, S., & Askew, A. (2014). *Understanding post-conflict behavior in the male Syrian hamster*. Poster session presented at the 9th annual Symposium for Young Neuroscientists and Professors of the Southeast, Asheville, NC.

Cullum, D., Hanna, M., Haugsnes, E., & Askew, A. (2013, March). *Learned Avoidance in the Male Syrian Hamster: Effects of a Glucocorticoid Antagonist on Reconsolidation*. Poster session presented at the 8th annual Symposium for Young Neuroscientists and Professors of the Southeast, Columbia, SC.

Fragapane, M. (2012, April). *Social Memory Using a Modified Passive Avoidance Apparatus*. Poster presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

Roberts, A. & Pennington, D. (2009, March). *Nicotine, open field behavior, and endocrine responses in male adolescent Syrian hamsters*. Poster presented at the 2009 Big South Undergraduate Research Symposium, University of North Carolina Asheville, Asheville, NC.

Boyd, T. (2009, April). *Effects of nicotinic antagonist mecamylamine on social memory in male Syrian golden hamsters*. Poster presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

Carroll, K (2008, April). *Adolescent nicotine exposure and open field behavior in Syrian hamsters*. Poster presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

Slater, S. & (2007, April) *Wheel running activity and voluntary ethanol consumption in adolescent male hamster: Effects on aggression in the adult hamster*. Poster presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

Bond, J. (2005, April). *Early environmental enrichment and spatial working memory in a hippocampal-dependent memory task*. Poster presented at the annual Presbyterian College Honor's Day Symposium, Presbyterian College, Clinton, SC.

### Co-Advisors: Jeanne Stahl, Fernando González, & Alicia Askew

Montelus, E., Gardner, L., Ambe, E., Stahl, J. M., Askew, A. & González, F. (2004, October). *Tests of a multi-parameter model of drug effects on a VI schedule of reinforcement: Effects of amphetamine, chlordiazepoxide, morphine, and pimozide*. Poster presented at the NIDA mini-convention at the annual meeting of the Society for Neuroscience, San Diego, CA.

Ambe, E., Gardner, L., Montelus, E., Pierce, E. I., Stahl, J., González, F., & Askew, A. (2004, March). *Drug effects on variable interval schedules of reinforcement*. Poster presented at the Fiftieth Annual Meeting of the Southeastern Psychology Association, Atlanta, GA.

- Ambe, E., Gardner, L., Montelus, E., Pierce, E., González, F., Stahl, J., & Askew, A. (2003, November). *Tests of a four parameter model of responding under variable interval schedules of reinforcement: effects of amphetamine and chlordiazepoxide*. Poster presented at the National Institute on Drug Abuse Mini-Convention: Frontiers in Addiction Research, New Orleans, LA.
- Montelus, E., Pierce, E. I., Stahl, J., González, F., & Askew, A. (2003, November). *V1a receptor binding in specific regions of the rat brain depends on competitive status fostered by an operant food competition task*. Poster presented at the Twenty-third Annual Meeting of the National Institute of Mental Health-Career Opportunities in Mental Health Conference, Washington, DC.
- Pierce, E., Stahl, J. M., González, F. A., & Askew, A. (2003, July). *V1a receptors and dominant-subordinate status in food competition with male Long-Evans hooded rats*. Poster presented at the BRAIN conference sponsored by the National Science Foundation Center for Behavioral Neuroscience, Atlanta, GA.
- Wilcox, A., Stahl, J. M., González, F. A., & Askew, A. (2003, July). *Dominant and submissive behavior in the Visible Burrow System (VBS)*. Poster presented at the BRAIN conference sponsored by the National Science Foundation Center for Behavioral Neuroscience, Atlanta, GA.
- Pierce, E. I., Montelus, E., Baxter, S. S., Stahl, J., González, F., & Askew, A. (2003, March). *Food competition in male Long-Evans hooded rats*. Poster presented at the Forty-ninth Annual Meeting of the Southeastern Psychological Association.
- Montelus, E., Pierce, E. I., Stahl, J., González, F., & Askew, A. (2003, March). *Dominant and subordinate behavior in male rats within a food competition paradigm*. Poster presented at the Forty-ninth Annual Meeting of the Southeastern Psychological Association.
- Moore, J. O., Thomas, D., Tyson, M., Smith, D. R., Cole, L. S., Stahl, J. M., González, F., & Askew, A. (2003, March). *Inducing aggression in the Long-Evans hooded rat*. Poster presented at the Forty-ninth Annual Meeting of the Southeastern Psychological Association.

## **Grants**

1. *Faculty Development Funds: Research Grant (\$2,500) and Sabbatical Grant (\$1000)*
2. *Faculty Development Funds for Conference/Workshop Travel: 2010, 2011, 2012*
3. *V1a antagonist infusion in the lateral septum on agonistic behavior and dominance status in a food competition procedure.*  
Funding Agency: Center for Behavioral Neuroscience (NSF, IBN-9876754)  
Co-Investigators: Alicia Askew, Fernando González & Jeanne Stahl  
Project Duration: January 1, 2004 through December 31, 2004  
Project Award: \$10,700
4. *Dominance and submissiveness in competition for space, food, and sex.*  
Funding Agency: Center for Behavioral Neuroscience (NSF, IBN-9876754)  
Co-Investigators: Jeanne Stahl, Fernando González, & Alicia Askew  
Project Duration: July 1, 2003 through June 30, 2004  
Project Award: \$30,000
5. *Food competition and physiological concomitants of dominance in the rat.*  
Funding Agency: Center for Behavioral Neuroscience (NSF, IBN-9876754)  
Co-Investigators: Fernando González, Jeanne Stahl, & Alicia Askew  
Project Duration: January 1, 2003 through December 1, 2003  
Project Award: \$30,000

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## Academic References

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**Justin Brent, Ph.D.**

Professor, Department Chair  
Department of English  
Presbyterian College, Clinton, SC 29325  
Phone: 864-833-8989  
Email: [jbrent@presby.edu](mailto:jbrent@presby.edu)

**Latha Gearheart, Ph.D.**

Associate Professor, Department Chair  
Department of Chemistry  
Presbyterian College, Clinton, SC 29325  
Phone: 864-833-8407  
Email: [gearhear@presby.edu](mailto:gearhear@presby.edu)

**Clint Harshaw, Ph.D.**

Professor, Department Chair  
Department of Mathematics  
Presbyterian College, Clinton, SC 29325  
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**Sharon Knight, Ph.D.**

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