

Faculty Research Inventory

(last updated May 2020)

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Dr. Kevin Apple

Current Research

Investigating impact of pluralistic ignorance on hazing in fraternities and sororities.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development		X		
Writing Group		X		
Post Hoc studies			X	
Literature Review		X		
IRB Preparation		X		
Study preparation		X		
Research Assistant Training		X		
Participant recruitment		X		
Data cleaning		X		
Data management		X		
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing			X	
Conference attendance		X		
CV development				
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** No, students are welcome to email me (applekj@jmu.edu) to see if I am seeking research students
- **Website?** No
- **Is there a minimum commitment for this lab?** No
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, prefer students to have completed the methodology sequence (PSYC 210/211 or PSYC 212/213)
- **Are there preferred prerequisites?** No
- **Do you mentor honors thesis projects?** Yes, but prefers to work with the student in class or research lab before working on a thesis with a student

Recent Publications (within the past 18 months)

Appleby, D. C., Apple, K. J., & Stoloff, M. L. (2018). Academic advising posters: A new method to deliver academic advising. Psych Learning Curve: Where Psychology and Education Connect. Retrieved from <http://psychlearningcurve.org/academic-advising-posters/>.

Apple, K. J. (2015). Evaluating Learning: Designing Effective Quizzes, Tests, and Final Exams for Psychology Courses. In D. S. Dunn (Ed.) *Oxford Handbook of Psychology Education* (pp. 75-83). Oxford University Press.

Van Patten, R., Irons, J. G., & Apple, K. J. (2015). Contingency management to increase grade point average among fraternity members: A feasibility study. *Journal of College Student Development*, 56 (2), 176 – 180. DOI: 10.1353/csd.2015.0020.

Dr. Suzanne Baker

Current Research

In my lab, students work on studies of animal behavior. We study deer mice, a native North American species. Students learn basic animal care and handling skills, and learn how to collect observational research data. I also work with students on projects related to human attitudes toward animals, and other studies of animal behavior in general.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry		X		
Article Discussion	X			
Study Development		X		
Writing Group		X		
Post Hoc studies			X	
Literature Review		X		
IRB Preparation			X	
Study preparation				
Research Assistant Training				
Participant recruitment				X
Data cleaning				
Data management				
Data analysis			X	
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X	
Grant writing			X	
Conference attendance		X		
CV development				X
Professional development		X		
Conduct research with non-human subjects	X			
Have direct contact with human participants			X	

Because my students work with animals, they experience training related to working with animals and gain experience with IACUC procedures.

Things to know before getting involved

- **Is there an application to join the lab?** No, interested students should contact me to discuss their interests in being part of the research team
- **Website?** No
- **Is there a minimum commitment for this lab?** No
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** No
- **Are there preferred prerequisites?** Yes, prefer students to have taken or be enrolled in PSYC/BIO 395 or other animal-behavior-related experiences
- **Do you mentor honors thesis projects?** Yes, but students need to be working on an animal-behavior related project.

Contact Dr. Baker for a list of publications and presentations.

Dr. Benjamin T. Blankenship

Current Research

In the Structural Oppression as Feelings Attitudes and Behaviors Psychology Lab, or S.O.F.A.B. Lab, students will assist with research that investigates the connection between individual difference variables (e.g. identity, personality, and values), social psychological variables (i.e. feelings, attitudes, and behaviors), and socio-political variables that have the capacity to affect social structure, including voting, activism, and other types of engagement aimed at creating social change for members of marginalized groups. Upcoming studies will examine these particularly among LGBTQ, racial, and SES/class-related minorities.

Specific Studies

Please view Dr. Blankenship's personal website (btblankenship.com) for a complete list of recent studies and interests, as well as more information about his lab.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development		X		
Writing Group			X	
Post Hoc studies		X		
Literature Review	X			
IRB Preparation	X			
Study preparation	X			
Research Assistant Training		X		
Participant recruitment	X			
Data cleaning	X			
Data management	X			
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X (optional)	
Grant writing			X	
Conference attendance			X	
CV development			X	
Professional development		X		

Conduct research with non-human subjects				X
Have direct contact with human participants		X		

Things to know before getting involved

- **Is there an application to join the lab?** Yes (on the website)
- **Website:** www.btblankenship.com/prospective-research-assistants
- **Is there a minimum commitment for this lab?** 2 semesters.
- **Are 203 students accepted?** Yes.
- **Are there required prerequisites?** No.
- **Are there preferred prerequisites?** PSYC 210/211 (or 212/213); PSYC 220 or other socio-cultural class
- **Do you mentor honors thesis projects?** Yes, but I prefer to mentor honors thesis projects for students who have spent at least 1 year (2 semesters) in my lab.

Recent Publications (within the past 18 months)

Blankenship, B.T., Savaş, Ö., Frederick, J. K., Stewart, A. J. (2018). Piecing together the American voting puzzle: How voters' personalities and judgments of issue importance mattered in the 2016 presidential election. *Analyses of Social Issues and Public Policy*. doi: 10.1111/asap.12157

Blankenship, B. T. & Stewart, A.J. (2019). Threat, Trust, and Trump: Identity and Voting in the 2016 Presidential Election. *Politics, Groups, and Identities*, 7(3), 724-736.

Foster, M. D., Hennessey, E., Blankenship, B. T., & Stewart, A. (2019). Can "slacktivism" work? Perceived power differences moderate the relationship between social media activism and collective action intentions through positive affect. *Cyberpsychology: Journal of Psychosocial Research on Cyberspace*, 13(4). <https://doi.org/10.5817/CP2019-4-6>

Recent Conferences (within the past 18 months)

Blankenship, B.T., & Stewart, A.J. (2020, February). How can we measure political lives? Poster presented at the Political Psychology Preconference of the 21st Annual Society for Personality and Social Psychology Convention, New Orleans, LA.

Blankenship, B.T., & Stewart, A.J. (2019, June). Living and Working Toward Social Change: Identity and Occupational/Life Priorities. Paper presented in symposium at the 14th Annual Society for the Psychological Study of Social Issues Convention, San Diego, CA.

Blankenship, B.T., & Stewart, A.J. (2019, February). Taking the Private Political: How Internalized Stigma Predicts Political Engagement. Paper presented in symposium at the 20th Annual Society for Personality and Social Psychology Convention, Portland, OR.

Dr. Jeff Dyche

Current Research

I currently have two labs. The first lab is "Rat Lab" which is formally called the Sleep and Pharmacology Lab, investigates a number of behavioral neuroscience phenomena using various strains of Norway Rats. Many of my students are also interested in the biological basis of behavior and behavior analysis. In the second lab, the "Sleep and Actigraphy Lab" (SAL), we study human sleep patterns and circadian rhythms using surveys and a sleep monitoring device called actigraph that is worn on the wrist. I often collaborate with Dr. Holt and Dr. Fogler.

Specific Studies

Currently in Rat Lab, we are investigating how sleep deprivation impacts attentional tasks in Sprague-Dawley rats. Specifically, our current research project is to investigate the effect of chronic sleep restriction on a measure of sustained attention known as the rat psychomotor vigilance task (rPVT). The rPVT involves a two month training procedure followed by a one week baseline measurement. Once a baseline has been established, groups of three rats will undergo a week long, six hour/day sleep deprivation procedure while being tested daily on the rPVT. A second goal of this project is to investigate potential pharmacological interventions to mediate the effects of sleep loss on attention performance. Once baseline and sleep deprivation performance on the rPVT has been established, groups of three rats will undergo another week long sleep deprivation procedure and rPVT testing. During this week, rats will receive one of two drugs. Half of the rats (n=10) will receive 30 mg/kg caffeine, a non-selective adenosine antagonist, while the other half (n=10) will receive 1.2 mg/kg cyclopentyl-theophylline (CPT), a selective A1 adenosine receptor antagonist. More detail on the background and implementation of this project will occur during weekly lab meetings.

In the past, we have also done studies using cocaine and d-amphetamine. We have also tested different sleep deprivation chambers. In this lab, we look for undergraduates who are interested in studying natural science aspects of psychology. The lab is typically managed by a graduate student in the Psychological Sciences program but undergrads have leadership opportunities as well. Bio minors are common but not required.

Finally, in my second lab, (SAL) we have investigated how chronic marijuana use impacts circadian rhythms compared to non-users. We are also looking at how napping impacts impulsivity and how sleep deprivation alters inflammatory markers in student volunteers. This lab doesn't always meet each semester so please inquire whether we are collecting data in this lab.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development		X		
Writing Group		X		
Post Hoc studies			X	
Literature Review		X		
IRB Preparation		X		

Study preparation		X		
Research Assistant Training	X			
Participant recruitment		X		
Data cleaning			X	
Data management			X	
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X	
Grant writing		X		
Conference attendance	X			
CV development	X			
Professional development	X			
Conduct research with non-human subjects		X		
Have direct contact with human participants		X		

Things to know before getting involved

- **Is there an application to join the lab?** Yes, I also look for students who take initiative, and I provide leadership opportunities if desired.
- **Website?** No
- **Is there a minimum commitment for this lab?** Yes, two semesters
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, students must have an interest in the biological basis of behavior
- **Are there preferred prerequisites?** No
- **Do you mentor honors thesis projects?** No

Recent Publications (within the past 18 months)

Crewe, M., Fogler, K., Orr, W., & Dyche, J. (2018). Sleep assessment and cognitive performance in a military college population: A Measurement Comparison. *J of Sleep Research: Under first review*

Crewe, M., Holt, D., & Dyche, J. (2018). Rat psychomotor vigilance task performance following chronic sleep restriction and systemic caffeine. *Sleep: Under first review*

Chabal, S., Couturier, K.C., Dyche, J., Soutiere, S., Figueiro, M., & Plitnick, B. (2018) *Circadian rhythm phase locking for traveling special forces operators: Using light exposure to maintain time zone entrainment*. (NSMRL Technical Report No. 1318). Naval Submarine Medical Research Laboratory. Groton, CT.

**Recent Conferences
(within the past 18 months)**

Crewe, M., & Dyche, J. (2018). Relationship between sleep, academic, and emotional functioning in college students. *Sleep, 40*, 0259.

Donovan, E., Crewe, M., & Dyche, J. (2018). Cortisol levels in rat urine following chronic sleep deprivation in forced exercise wheels and gentle handling chambers. *Sleep, 40*, 0567.

Falk, Z., Cabrera, M., Crewe, M., Jalil, D., Okafor, Z., Reigel, C., & Dyche, J. (2018). Effects of a post-deprivation nap on peripheral levels of cortisol and interleukin-6 following 24-hour sleep deprivation. *Sleep, 40*, 0345

Dr. Kethera Fogler

Current Research

My current research interests include memory, false memory, proper name learning, language comprehension, and cognitive aging. I am also interested in psychology and law research.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry		X		
Article Discussion	X			
Study Development	X			
Writing Group		X		
Post Hoc studies		X		
Literature Review	X			
IRB Preparation	X			
Study preparation	X			
Research Assistant Training		X		
Participant recruitment			X	
Data cleaning		X		
Data management		X		
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing			X	
Conference attendance		X		
CV development	X			
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website?** No
- **Is there a minimum commitment for this lab?** Yes, two semesters (usually)
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, PSYC 210/211 (with high Bs or As in both)
- **Are there preferred prerequisites?** Yes, prefer students with an interest in cognitive psychology
- **Do you mentor honors thesis projects?** Yes
- **Preference will be given to students who have not had a PSYC 402/403 experience**

Recent Publications

Cromer, J., Brewster, J., Fogler, K., & Stoloff, M. (2019). 911 calls in homicide cases: What does the verbal behavior of the caller reveal? *Journal of Police and Criminal Psychology*, 34, 156-164.

Fogler, K.A. (2017). Investigating the role of episodic gist on false memory. *Journal of Psychology and Behavioral Science*, 5(2), 1-13. DOI: 10.15640/jpbs.v5n2a1

Recent Conferences

Fogler, K., **Hogan, K., Mangan, S., Benza, B.**, Brewster, J., Stoloff, M., & Cromer, J. (2019, May) Linguistic characteristics of truth-tellers vs. liars. Poster presented at the American Psychological Science conference, Washington, D.C.

Fogler, K., Shoup-Knox, M., **Powell, A.**, Brewster, J., **Hogan, K., Mangan, S., & Benza, B.** (2019, May) Types of moral disengagement most influential with mock jurors. Poster presented at the American Psychological Science conference, Washington, D.C.

Fogler, K.A., **Powell, A., & Chusid, S.** (2018, May). Semantic relatedness and retrieval practice in proper name learning for older and younger adults. Cognitive Aging Conference, Atlanta, GA.

Dr. Pam Gibson

Current Research

I research the life impacts of having a "contested" illness (i.e., one that is not well understood) multiple chemical sensitivity on those who experience it.

Specific Studies

Students may view my research site at www.mcsresearch.net and look at the page on mcs research studies. I have looked at social support, hope, unmet healthcare needs, community access, etc.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection		X		
Data Entry		X		
Article Discussion	X			
Study Development		X		
Writing Group		X		
Post Hoc studies				X
Literature Review		X		
IRB Preparation		X		
Study preparation		X		
Research Assistant Training			X	
Participant recruitment		X		
Data cleaning		X		
Data management		X		
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing				X
Conference attendance		X		
CV development		X		
Professional development		X		
Conduct research with non-human subjects				X
Have direct contact with human participants			X	

Things to know before getting involved

- **Is there an application to join the lab?** No
- **Website?** Yes www.mcsresearch.net
- **Is there a minimum commitment for this lab?** Yes, two semesters
- **Are 203 students accepted?** No
- **Are there required prerequisites?** Yes, PSYC 211
- **Are there preferred prerequisites?** Yes, good students who are interested in environmental issues
- **Do you mentor honors thesis projects?** Yes

Recent Publications (within the past 18 months)

Guest editor for special issue of Ecopsychology on environmental sensitivities. June 2017.

Gibson, P.R. (2019). Waking up to the environmental crises. In press at Ecopsychology for June, 2019 issue.

Recent Conferences (within the past 18 months)

Chan, K.Y., Gibson, P.R., Smith, E. Akyla, J., & Zinn, T. (2015). *Student engagement and diversity climate in the psychology major at James Madison University*. Poster to be presented at Eastern Conference on the Teaching of Psychology, June 26-27, Staunton, VA.

Gibson, P.R., Kovach, S., & Lupfer, A. (2013). *Unmet healthcare needs for persons with chemical sensitivity*. Paper delivered at the Southwest Conference on Disability, October 8-11, Albuquerque, New Mexico.

Dr. Michael Hall

Current Research

The Auditory Perception Laboratory is interested in identifying and understanding general perceptual principles that govern the recognition of common auditory events, including speech (e.g., phonemes), nonspeech (e.g., musical instruments), and environmental noises. These interests extend to the perceptual organization of events in complex auditory arrays/scenes, including attention to perceptual attributes that are critical to distinguishing sound sources.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development		X		
Writing Group		X		
Post Hoc studies		X		
Literature Review		X		
IRB Preparation		X		
Study preparation		X		
Research Assistant Training		X		
Participant recruitment		X		
Data cleaning		X		
Data management		X		
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing			X	
Conference attendance		X		
CV development				
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** No, students are welcome to email me (hallmd@jmu.edu) to see if I am seeking research students
- **Website?** Yes, <http://www.psyc.jmu.edu/undergraduate/auditoryperception/index.html>
- **Is there a minimum commitment for this lab?** No
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** No
- **Are there preferred prerequisites?** No
- **Do you mentor honors thesis projects?** Yes

Representative Publications (within the past 18 months)

Chan, K. Y., & Hall, M. D. (2019). The importance of vowel formant frequencies and proximity in vowel space to the perception of foreign accent. *Journal of Phonetics*, 77, [100919].
<https://doi.org/10.1016/j.wocn.2019.100919>

Gordon, M. S., Hall, M. D., Gaston, J., Fooks, A. & Suwangbutra, J. (2019). Individual differences in the acoustic properties of human skulls. *The Journal of the Acoustical Society of America*, 146(3): EL 191. doi: 10.1121/1.5124321.

Peck, R. B., Hall, M. D., Gaston, J. R. & Dickerson, K. (2018). Evidence of change deafness with continuously moving targets. *Auditory Perception & Cognition*, 1(1).
<https://doi.org/10.1080/25742442.2018.1499002>

Daly, H. R. & Hall, M. D. (2018). Not all musicians are created equal: Statistical concerns regarding the categorization of participants. *Psychomusicology: Music, Mind, and Brain*, 28(2), 117-126.
<http://dx.doi.org/10.1037/pmu0000213>

Dr. Jessica Irons

Current Research

Our lab, called the CASH (changing activity, substance use, and health) lab, studies health choices and health risk behavior interventions. We study what factors may influence health choices and we use that information to inform intervention strategies. We also develop and implement interventions in order to best understand under what conditions they may be effective and for whom. Our primary interests in health include substance use, inactivity, sleep, smartphone and social media use, transactional sex, and interactions between and among these variables. We also engage in validity testing for novel measures or novel uses of existing measures. Finally, our lab is often engaged in scholarship of teaching and learning in collaboration with Dr. Irons' teaching lab.

Specific Studies

Please see website: cashlab.wix.com/cashlab

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development	X			
Writing Group	X			
Post Hoc studies		X		
Literature Review		X		
IRB Preparation		X		
Study preparation	X			
Research Assistant Training		X		
Participant recruitment		X		
Data cleaning		X		
Data management		X		
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X (optional)	
Grant writing		X		
Conference attendance		X		
CV development		X		
Professional development	X			

Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** Yes (on the website)
- **Website:** cashlab.wix.com/cashlab
- **Is there a minimum commitment for this lab?** 2 semesters.
- **Are 203 students accepted?** No.
- **Are there required prerequisites?** No.
- **Are there preferred prerequisites?** PSYC 180
- **Do you mentor honors thesis projects?** Yes—requires 4 semesters in the lab.

Recent Publications (within the past 18 months) (bold indicates student collaborator)

Bassett, D. T., Irons, J. G., Schultz, N., & Correia, C. J. (2019; in press). Initial Validation of the Multiple-Choice Procedure for measuring video game playing. *Addiction Research and Theory*.

Irons, J. G., **Stanley, T. B., Owens, K. R.,** & Henslee, A. M. (2019). The effects of alcohol priming on subsequent preferences for alcohol. *Journal of Studies on Alcohol and Drugs, 80*(4), 448-453.
Doi: 10.15288/jsad.2019.80.448

Irons, J. G., **Joachim, B. T., Stanley, T. B., Rininger, A. M.,** Jarvis, B. P. (2019). A Brief Abstinence Test for Caffeine Use: A Feasibility Study. *Journal of Caffeine and Adenosine Research, 9*(1) 28-34. *Doi: 10.1089/caff.2018.0013*

Butler, L.H., Irons, J.G., Bassett, D.T., & Correia, C.J. (2018). Using the Multiple-Choice Procedure to Measure the Relative Reinforcing Efficacy of Gambling: Initial Validity Evidence Among College Students. *Journal of Gambling Studies*.

**Recent Conferences
(within the past 18 months)**

(bold indicates student collaborator; * indicates presenter)

Oral:

***Stanley, T. B., Valenti, D. R., Lumpkin, M. M., & Irons, J. G.** (November, 2019). *Assessing the Utility of a Brief Abstinence Test to Reduce Smartphone and Social Media Use Among College Students*. In Reframing Behavioral Addictions as a Reinforcer Pathology: Implications for Theory and Practice. Paper presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Atlanta, GA.

***Correia, C.J., Bassett, D. T., Butler, L. H., Irons, J. G., Schultz, N. R.** (November 2019). *Assessing the reinforcing value of gambling and video games*. In Reframing Behavioral Addictions as a Reinforcer Pathology: Implications for Theory and Practice. Paper presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Atlanta, GA.

***Owens, K. R., Rininger, A. M., Stanley, T. B., Addonisio, A. M., Craig, B. G., Donovan, E., & Irons, J. G.** (April, 2018). *The effects of alcohol priming and alcohol-related cues on subsequent alcohol preferences*. Paper presented at the annual meeting of the Virginia Academy of Clinical Psychologists and Virginia Association for Psychological Science, Roanoke, VA.

Posters:

Johnson, S., Sutton, C., Irons, J. G., & Henslee, A. M. (2019). *Negative cognition predicts social physique anxiety in college students*. Poster submitted to the Midwestern Psychological Association, Chicago, IL.

Kontos, E., Mackey, G. O., Irons, J. G., Valenti, D. R., & Womack, C.J. (2019). *The efficacy of a verification phase in VO₂ max testing and the impact of sampling time*. Poster submitted to the Southeast American College of Sports Medicine, Jacksonville, FL.

Sutton, C. A., Henslee, A. M., & Irons, J. G. (2019, November). *Social Physique Anxiety and Eating Attitudes as Predictors of Drinking Motives and Exercise Beliefs among Undergraduate Males*. Poster presented at the meeting of the Association of Behavioral and Cognitive Therapies, Atlanta, GA.

Dr. Krisztina Jakobsen

Current Research

We study the development of face perception in infants, children, and adults. More specifically, we are interested in learning more about how humans become human face specialists (i.e., they process human faces more efficiently than the faces of other species). I am also interested in studying the effectiveness of teaching practices, particularly team-based learning.

Specific Studies

We are currently testing infants, children, and adults using to study attention to faces using eye tracking technology.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry		X		
Article Discussion	X			
Study Development	X			
Writing Group		X		
Post Hoc studies			X	
Literature Review	X			
IRB Preparation	X			
Study preparation	X			
Research Assistant Training		X		
Participant recruitment			X	
Data cleaning		X		
Data management		X		
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing		X		
Conference attendance		X		
CV development	X			
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** Cognitive Development Lab: Yes; Effective Teaching Practices: No lab application; please speak with me if you are interested
- **Website?** Cognitive Development Lab: <https://sites.lib.jmu.edu/cogdevlab/>
- **Is there a minimum commitment for this lab?** Yes, two semesters
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** No
- **Are there preferred prerequisites?** No
- **Do you mentor honors thesis projects?** Yes

Recent Publications (within the past 18 months)

- Frank, M. C., Alcock, K. J., Arias-Trejo, N., Aschersleben, G., Baldwin, D.,...**Jakobsen, K. V.**,...Soderstrom, M. (in press). Quantifying sources of variability in infancy research using the infant-directed speech preference. *Advances in Methods and Practices in Psychological Science*. [PR]
- Stiegler-Balfour, J. J., **Jakobsen, K. V.**, Stroud, M. J., & Daniel, D. B. (2020). APA-style citations can create a roadblock to textbook comprehension for less skilled readers. *Teaching of Psychology*, 47(2), 147-155. <https://doi.org/10.1177/0098628320901384> [PR]
- Brandmark, A.*, Byrne, M.*, O'Brien, K.*, Hogan, K.*, Daniel, D. B., & **Jakobsen, K.V.** (2020). Translating for practice: A case study of recommendations from the wakeful rest literature. *Teaching of Psychology*, 47(1), 92-96. <https://doi.org/10.1177/0098628319889268> [PR]
- Simpson, E. A., Maylott, S. E.*, Mitsven, S. G.*, Guangyu, Z.*, & **Jakobsen, K. V.** (2019). Face detection in 2- to 6-month-old infants is influenced by gaze direction and species. *Developmental Science*, e12902.
- Jakobsen, K. V.**, & Daniel, D. B. (2019). Evidence-inspired choices for teachers: Team-based learning and interactive lecture. *Teaching of Psychology*, 46(4), 284-289, <https://doi.org/10.1177/0098628319872411>. [PR]
- Simpson, E. A., Maylott, S. E.*, Leonard, K.*, Lazo, R. J.*, & **Jakobsen, K. V.** (2019). Face detection in infants and adults: Effects of orientation and color. *Journal of Experimental Child Psychology*, 186, 17-32. [PR]

Recent Conferences (within the past 18 months)

- Ferry, L.*, Wong, P.*, Hogan, K.*, & **Jakobsen, K. V.** (2019, June). Group work that works. Paper presented at the Eastern Teaching of Psychology Conference, Staunton, Virginia. [Regional]

- Brandmark, A.*, White, C.*, Skidmore, S.*, Dash, R.*, Stokes, T., & Jakobsen, K. V. (2019, May). Using an eye-tracking training paradigm to teach responsiveness to joint attention. Poster presented at the Association for Behavior Analysis International, Chicago, Illinois. [International]
- Maylott, S. E.*, Mitsven, S.*, Jakobsen, K. V., & Simpson, E. A. (2019, March). Face detection in 2- to 6-month-old infants is influenced by gaze direction and species. Poster presented at the Society for Research in Child Development, Baltimore, Maryland. [International]
- Sheehan, E. A., & Jakobsen, K. V. (2019, January). The impact of introversion on student perceptions of group work. Poster presented at the National Institute on the Teaching of Psychology, St. Pete Beach, Florida. [National]

Dr. Natalie Kerr

Current Research

Currently, I am studying the effectiveness of social norm interventions and the induced hypocrisy paradigm to change undesirable behaviors (such as texting while driving).

Specific Studies

I conduct "field research" on the JMU campus and in the City of Harrisonburg. Anyone could be a participant in one of my studies so I cannot divulge specific details.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development	X			
Writing Group		X		
Post Hoc studies			X	
Literature Review		X		
IRB Preparation	X			
Study preparation	X			
Research Assistant Training			X	
Participant recruitment		X		
Data cleaning		X		
Data management		X		
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X	
Grant writing			X	
Conference attendance		X		
CV development		X		
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website?** No
- **Is there a minimum commitment for this lab?** Yes, two semesters
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, PSYC 345
- **Are there preferred prerequisites?** No
- **Do you mentor honors thesis projects?** No

Recent Publications (within the past 18 months)

Lawrence, N.K. (2013). Examining the benefits of cumulative exams. In V.A. Benassi, C.E. Overson & C.M. Hakala (Eds.) *Applying science of learning in education: Infusing psychological science into the curriculum*. Retrieved from the Society for the Teaching of Psychology website: <http://teachpsych.org/ebooks/asle2014/index.php>

Lawrence, N. K. (2013). The benefits of cumulative exams in the general psychology course. *Teaching of Psychology*, 40(1), 15-19.

Recent Conferences (within the past 18 months)

Lawrence, N.K. (2014, February). The benefits of cumulative exams. Paper accepted for presentation at the Conference on Higher Education Pedagogy, Blacksburg, VA.

Lawrence, N.K., Buzinski, S. & Kurtz, J. (2013, June). A few of our favorite things: Activities and demonstrations for teaching psychology. Invited presentation at the Eastern Conference on the Teaching of Psychology, Staunton, VA.

Lawrence, N.K., Collins, E.*, & Rice, J.* (2013, May). The relationship between mothers' parenting practices and young adults' focus on the self. Poster presented at the annual meeting of the Association for Psychological Science, Washington, D.C.

Dr. Robyn Kondrad

Current Research

Conducting research studies that explore how children evaluate and learn from the people with whom they interact, what qualities children consider when they make inferences about those individuals, and whether those interactions change depending on the medium (e.g., video chat vs. real life). I work with children and families in the community. Ideally students will have a schedule that is conducive to doing work with this population (a minimum of 2.5 hours in the morning between 8:30 and 12:30 or 2:30 and 5:00).

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development		X		
Writing Group			X	
Post Hoc studies				X
Literature Review			X	
IRB Preparation			X	
Study preparation		X		
Research Assistant Training		X		
Participant recruitment		X		
Data cleaning		X		
Data management		X		
Data analysis			X	
Lab meetings		X		
Manuscript preparation/publications submitted or accepted			X	
Grant writing			X	
Conference attendance			X	
CV development			X	
Professional development		X		
Conduct research with non-human subjects				X
Have direct contact with human participants		X		

Things to know before getting involved

- **Is there an application to join the lab?** Yes. It is helpful to have transportation, since we often work off campus at preschools.
- **Website?** Yes
- **Is there a minimum commitment for this lab?** Yes, minimum of 2 credit hours per semester. No maximum commitment.
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** No
- **Are there preferred prerequisites?** Yes. It is helpful to have transportation, since we often work off campus at preschools. Having experience with children and being comfortable working with children between the ages of 3-6 and their caregivers and other professionals is important. This may not be the best fit if you have never worked with children in any capacity.
- **Do you mentor honors thesis projects?** Yes, but they must work with me at least one semester as a traditional research assistant prior to asking for honors mentorship.

Recent Publications (within the past 18 months)

Palmquist, C.P., Kondrad, R.K., & Norris, M.N. (2018). Follow my point? Preschoolers' expectations about veridicality disrupt their understanding of deceptive points. *Cognitive Development*, 48, 190-202.
<https://doi.org/10.1016/j.cogdev.2018.08.009>

Jaswal, V.K., Kondrad, R.L. (2016). Why Children Are Not Always Epistemically Vigilant: Cognitive Limits and Social Considerations. *Child Development Perspectives*, 10(4), 240-244.
<https://doi.org/10.1111/cdep.12187>

Dr. Jaime Kurtz

Current Research

I am currently investigating the decisions people make that impact their daily happiness and appreciation. I am especially interested in nonobvious or counterintuitive paths to happiness, and why making sustainable changes to happiness is often so difficult.

Specific Studies

One current study is examining whether reflecting back on an incredible life experience can actually raise your standards, to the point where a positive but more routine experience is spoiled. For example, does thinking about a recent vacation in the Swiss Alps take away from your everyday view of the Blue Ridge? Does thinking back to a delicious gourmet meal make dining hall food less pleasant?

A second line of research is looking at the effect of essentially playing tour guide to a JMU newcomer. Does sharing your JMU experiences with a newcomer help you see it fresh, "through new eyes"? Does this enhance your appreciation of JMU?

Other ongoing projects include the development of a survey to assess appreciation of college life

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection		X		
Data Entry		X		
Article Discussion			X	
Study Development	X			
Writing Group			X	
Post Hoc studies				X
Literature Review		X		
IRB Preparation		X		
Study preparation		X		
Research Assistant Training		X		
Participant recruitment			X	
Data cleaning		X		
Data management		X		
Data analysis			X	
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X	
Grant writing				X
Conference attendance		X		
CV development		X		

Professional development			X	
Conduct research with non-human subjects				X
Have direct contact with human participants		X		

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website?** No
- **Is there a minimum commitment for this lab?** No
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, PSYC 211
- **Are there preferred prerequisites?** Yes, PSYC 345
- **Do you mentor honors thesis projects?** Yes, prefer students who have worked in my lab previously

Recent Publications (within the past 18 months)

Kurtz, J. L. (in press). Positive psychology. In D. S. Dunn (Ed.) Oxford Handbook of Psychology Education. Oxford University Press.

Smith, J. L., Harrison, P. R., Kurtz, J. L., & Bryant, F. B. (in press). Interventions for enhancing the capacity to savor positive experience. In A.C. Parks (Ed.), Handbook of positive psychological interventions. Oxford: Wiley-Blackwell.

Nelson, K., Kurtz, J. L. & Lyubomirsky, S. (in press). What psychological science knows about achieving happiness. In S. J. Lynn, W. O'Donohue, and S. Lilienfeld (Eds.). Better, Stronger, Wiser: Psychological Science and Well-Being.

Klein, R. A., Ratliff, K. A., Vianello, M., Nosek, B. A. et al. (in press). Investigating variation in replicability: A “many labs” replication project. Social Psychology.

Recent Conferences (within the past 18 months)

Deitrick, C. & Kurtz, J. L. (February, 2014). The beliefs of the everyday happiness-seeker: Do lay people know how to improve their happiness? Poster presented at the Society for Personality and Social Psychology, Austin, TX.

Kurtz, J. L. (June, 2013). Student Snoopers: Assessing the Big Five in Bedrooms. Eastern Teaching of Psychology, Staunton, VA.

Chretien, A. M. & Kurtz, J. L. (May, 2013). Depression and Attitudes Towards Depression. Poster presented at the Association for Psychological Science, Washington, DC.

Dr. Claire W. Lyons

Current Research

Increasing engagement in large classes, such as effective teaching in large classes; emerging adulthood as a developmental phase and its impact on well-being, teaching and engagement

Specific Studies

I have conducted a number of research studies on increasing engagement in large classes. Topics studied include: enhancing cognitive flexibility; reducing distraction through goal-setting; effectiveness of groups in the large class; metacognitive awareness. One exciting innovation we are working on is using behavioral observational measures in our distraction research. I have also conducted research on well-being in international students.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development	X			
Writing Group		X		
Post Hoc studies	X			
Literature Review	X			
IRB Preparation	X			
Study preparation		X		
Research Assistant Training		X		
Participant recruitment	X			
Data cleaning	X			
Data management	X			
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted	X			
Grant writing			X	
Conference attendance		X		
CV development		X		
Professional development		X		
Conduct research with non-human subjects				X

Have direct contact with human participants	X			
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Things to know before getting involved

- **Is there an application to join the lab?** No
- **Website?** No
- **Is there a minimum commitment for this lab?** Yes, one semester
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, PSYC 210/211
- **Are there preferred prerequisites?** Yes, PSYC 160
- **Do you mentor honors thesis projects?** Yes, but only a limited number

Recent Publications (within the past 18 months)

- Chan, K. & Lyons, C.W. & Kon, L. & Stine, K. & Manley, M. & Crossley, A. (2020). Effect of on-screen text on multimedia learning with native and foreign-accented narration. *Learning and Instruction*, 67. <https://doi.org/10.1016/j.learninstruc.2020.101305>.
- Lyons, C.W. (2018) *From birth to late adulthood: An introduction to lifespan development*. San Diego: Cognella Academic Publishing.
- Lyons, C.W. (2015). Applying the developmental perspective of emerging adulthood to understanding identity development of diverse college students. In O'Donnell, A., *The inclusion delusion? Reflection on democracy, ethos and education*. Switzerland: Peter Lang.

Recent Conferences (within the past 18 months)

- Lyons, C.W. (2019, Oct 10 – 12) The relationship between adjustment and well-being of international students and school satisfaction [Poster presentation]. Society for Study of Emerging Adulthood Annual Conference, Toronto, Canada.
- Lyons, C.W., Shoup-Knox, M.L., Melchiori, K.J., Baker, S.C., DuVall, K.D.R., Jakobsen, K.V. & Gibson, P. R. (March, 2018). Creating diversity champions and instituting change through a diversity reading group. Poster presented at the Association of American Colleges and Universities Annual Diversity Conference, San Diego, C.A.
- Chan, K. Y., Lyons, C.W., Manley, M., Crossley, A. & Reese, A. (2017, June). Studying the Redundancy Effect in Multimedia Learning when the Narrator is Foreign-accented. Poster presented at the Eastern Teaching of Psychology Conference, Staunton, Virginia.

Dr. Kala Melchiori

Current Research

My research questions falls into two broad areas:

Intergroup relations: How people respond to prejudice? How does our social world impact stereotypical thinking? How does counterstereotypic behavior provoke discriminatory backlash?

Applied Issues: What motivates people to pro-environmental action? How can we increase positive attitudes towards vaccination?

Specific Studies

Over the next few semesters, I plan to focus on how intersecting identities (e.g., race, gender, political orientation, sexual orientation) impact prejudice and discrimination.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion		X		
Study Development		X		
Writing Group			X	
Post Hoc studies			X	
Literature Review			X	
IRB Preparation			X	
Study preparation	X			
Research Assistant Training		X		
Participant recruitment		X		
Data cleaning			X	
Data management			X	
Data analysis			X	
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing			X	
Conference attendance	X			
CV development	X			
Professional development	X			
Conduct research with non-human subjects				X

Have direct contact with human participants	X			
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Research assistants in my lab will assist with high-impact lab studies where they may be asked to engage in deception (e.g., serve as a research confederate). RAs will also assist with data collection via online non-student participant pools (e.g., Amazon Mechanical Turk).

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website?** Yes, <http://goo.gl/forms/qQvXwqtKu5vCXA0L2>
- **Is there a minimum commitment for this lab?** Yes, two semesters as long as work is satisfactory
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, PSYC 210/211 with high Bs or As in both
- **Are there preferred prerequisites?** Yes, an interest in social psychology and social justice issues is preferred
- **Do you mentor honors thesis projects?** Yes, if in lab for at least two semesters

Recent Publications (within the past 18 months)

Mallett, R. K., & Melchiori, K. J. (2016). Creating a water-saver identity reduces water use in residence halls. *Journal of Environmental Psychology, 47*, 223-229.

Melchiori, K. J., Mallett, R. K., Durnbaugh, A. N., & Pham, H. D. (2016). Material values, goals, and water use: Results from a campus residence hall survey. In Filho, W. L., & Zint, M. (Eds), *The Contribution of Social Sciences to Sustainable Development at Universities* (pp. 273-287). Cham, Switzerland: Springer.

Melchiori, K. J., & Mallett, R. K. (2015). Using Shrek to teach about stigma. *Teaching of Psychology, 42*, 260-265.

Recent Conferences (within the past 18 months)

Melchiori, K. J., Mallett, R. K., & Simpson, R. H. (October 2016). Backlash against working parents. Paper presented at the 52nd annual meeting of the Society of Experimental Social Psychology, Santa Monica, CA.

Melchiori, K. J., Mallett, R. K., & Simpson, R. H. (June 2016). Gender, Parenthood, and Race Impact Workplace Help and Harm. In G. Twose (Chair), *Women in the workplace: Intersectional perspectives and integrative policy solutions*. Symposium for the annual meeting of the Society for the Psychological Study of Social Issues, Minneapolis, MN.

Melchiori, K. J., & Mallett, R. K. (June 2016). Creating a Water-saver Identity Reduces Water Use. In S. Clayton (Chair), *Mobilizing psychology to strengthen public engagement with climate change*. Symposium for the annual meeting of the Society for the Psychological Study of Social Issues, Minneapolis, MN.

Dr. Bryan Saville

Current Research

The focus of my lab is passion for activities. More specifically, we are focused on studying passion along with its causes and effects (i.e., what causes people to become passionate about some activities and how does being passionate about those activities affect their lives). Most recently, we have been studying students' passion for academic activities and whether it is related to different subjective and objective outcomes. For instance, we have found that being passionate about academics is related to lower stress and greater academic achievement. Our long-term goal is to help students find and pursue their passions so they can live happy and enjoyable lives.

Specific Studies

We have about a dozen studies ongoing right now. Most are focused on passion for academics (although a few others are examining how passion for such activities as dieting and other health activities are related to both good and bad psychological outcomes). For instance, we have been studying passion for academics and how it is related to (a) academic success, (b) life stress, (c) academic entitlement, (d) social support, and (e) academic dishonesty.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development	X			
Writing Group	X			
Post Hoc studies			X	
Literature Review	X			
IRB Preparation	X			
Study preparation	X			
Research Assistant Training	X			
Participant recruitment		X		
Data cleaning	X			
Data management	X			
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted	X			
Grant writing			X	
Conference attendance		X		

CV development	X			
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants		X		

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website:** No
- **Is there a minimum commitment for this lab?** Yes, two semesters, although it is not demanded if students have other obligations or if they're not doing their job in my lab
- **Are 203 students accepted?** No
- **Are there required prerequisites?** No
- **Are there preferred prerequisites?** Yes, PSYC 211 and either PSYC 180 or PSYC 390.
- **Do you mentor honors thesis projects?** Yes, but best if in lab for at least two semesters

Recent Publications (within the past 18 months)

Saville, B. K. (in press). Teaching research methods. In D. S. Dunn (Ed.), *Oxford handbook of undergraduate psychology education*. New York: Oxford University Press.

Saville, B. K. (2015). Using interteaching to increase student engagement. Published on Noba Project website (<http://nobaproject.com/blog/2015-08-11-using-interteaching-to-increase-student-engagement>)

Saville, B. K., **Bureau, A., **Eckenrode, C., **Fullerton, A., **Herbert, R., **Maley, M., **Porter, A., & **Zombakis, J. (2014). Interteaching and lecture: A comparison of long-term recognition memory. *Teaching of Psychology, 41*, 325-329. (R)

Recent Conferences (within the past 18 months)

Saville, B. K. (2015, September). *Interteaching: Using the psychology of learning to improve the learning of psychology*. Invited address given at the biannual Atlantic Coast Teaching of Psychology conference. Red Bank, NJ.

Saville, B. K. (2015, May). *Passion for academic activities: The good, the bad, and the ugly*. Invited address given at the 22nd annual APS-STP Teaching Institute. New York, NY.

Saville, B. K. (2015, February). *Passion for activities: The good, the bad, and the ugly*. Invited address given at the 27th annual Southeastern Teaching of Psychology conference. Atlanta, GA.

Dr. Melanie Shoup-Knox

Current Research

Human research lab: We examine changes in physiology in response to female fertility cues. These changes include measures of galvanic skin response, heart rate, salivary hormones, and brain EEG.

Animal research lab: We use a rat model to examine behavioral forms of thermoregulation. We perform stereotaxic surgery to implant a temperature sensitive electrode into the brains of animals and monitor behaviors or manipulate conditions that coincide with variation in central nervous system temperatures.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection		X		
Data Entry		X		
Article Discussion	X			
Study Development	X			
Writing Group		X		
Post Hoc studies			X	
Literature Review	X			
IRB Preparation		X		
Study preparation		X		
Research Assistant Training		X		
Participant recruitment		X		
Data cleaning			X	
Data management			X	
Data analysis		X		
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X	
Grant writing	X			
Conference attendance		X		
CV development		X		
Professional development	X			
Conduct research with non-human subjects		X		
Have direct contact with human participants		X		

Students will also be responsible for daily animal care and weekly vivarium cleaning duties. Students need CITI Training to work with humans and animals.

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website?** No
- **Is there a minimum commitment for this lab?** Yes, two semesters
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes, PSYC/BIO 385
- **Are there preferred prerequisites?** Yes, A or B in PSYC 210/211 or PSYC 212/213
- **Do you mentor honors thesis projects?** Yes, but prefer one semester in lab before beginning honors thesis credits

Recent Publications (within the past 18 months)

Shoup-Knox, M. L., *Ostrander, G., *Reimann, G., & Pipitone, R. N. (2019). Fertility-dependent acoustic variation in women's voices previously shown to affect listener physiology and perception. *Evolutionary Psychology*, 17 (2).

*Ostrander, G., Pipitone, R. N., & Shoup-Knox, M. L. (2018). Interactions Between Observer and Stimuli Fertility Status: Endocrine and Perceptual Responses to intrasexual vocal fertility cues, *Hormones and Behavior*, 98, 191 – 197.

Recent Conferences (within the past 18 months)

*Powell, A., *Ford, R., *Gott, E., *Gregg, C., *Kniffin, A., *Moseley, S., *Wright, V., *Zihal, E., & Shoup-Knox, M. L. (2019, Oct.) The effects of antibiotics and probiotics on memory, depression, and the hippocampus. Poster presentation at Society for Neuroscience Conference, Chicago, IL.

Shoup-Knox, M. L., Howell, S.*, Moseley, S.*, Powell, A.*, Wright, V.*, Zihal, E.* (2019, May). Say what? The effects of fertility and speech content on men's hormonal responses to women's voices. Poster presentation at Human Behavior and Evolution Society Conference, Boston, MA.

*Moseley, S., *Howell, S., *Powell, A., *Zihal, E., & Shoup-Knox, M. L. (2018, April). Physiological response to female voices during high and low fertility. Poster presentation at Symposium for Young Neuroscientists and Professors of the South East (SYNAPSE), High Point, NC.

Dr. David Szvedo

Current Research

The Social Relationships Lab seeks to understand how social relationships with family members, friends, and romantic partners contribute to meaningful qualities of future relationships and individual adjustment. We study social relationships in both online and offline contexts. Students will have the option to work from a longitudinal data set containing a multitude of developmental, social, and adjustment measures from annual assessments of individuals from ages 13 to 33, and/or a data set recently collected assessing the impact of online social networking on first year JMU students' transition to the university.

Specific Studies

Current lab interests include (a) how family and peer relationship factors promote healthy vs. unhealthy romantic relationships, (b) how observed peer interactions on social networking websites such as Facebook impact individuals, friendships and well-being over time, and, (c) how individual differences in emotion regulation and coping responses may influence the quality of romantic relationship development and online social relationships.

However, data are available to address a wide range of students' interests (see lists of student presentations on the lab website (<https://socialrelationshipsclub.weebly.com/>), and students are encouraged to develop an individual project that fits with their interests.

By the end of the year, students will create a poster of their project that they will present at the JMU Psychology Student Research Symposium and the annual meeting of the Virginia Association for Psychological Science. Students may also have the option to submit their posters for presentation at a national-level conference.

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection				X
Data Entry				X
Article Discussion	X			
Study Development	X			
Writing Group			X	
Post Hoc studies	X			
Literature Review	X			
IRB Preparation			X	
Study preparation			X	
Research Assistant Training			X	
Participant recruitment			X	
Data cleaning			X	
Data management			X	

Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted	X			
Grant writing				X
Conference attendance	X			
CV development	X			
Professional development	X			
Conduct research with non-human subjects				X
Have direct contact with human participants				X

Students are invited to participate in all aspects of the research process including literature review, hypothesis generation, data coding/analysis, and poster presentation and/or manuscript preparation.

Things to know before getting involved

- **Is there an application to join the lab?** Yes, interested students are invited to review the course syllabus and submit an application. Email Dr. Szwedo (szwedode@jmu.edu) with questions and/or for an electronic copy of the application and syllabus.
 - **Website?** Yes, (<https://socialrelationships-lab.weebly.com/>)
 - **Is there a minimum commitment for this lab?** Yes, two semesters
 - **Are 203 students accepted?** No
 - **Are there required prerequisites?** Yes, completion of PSYC 210/211 or PSYC 212/213
 - **Are there preferred prerequisites?** No
- Do you mentor honors thesis projects?** Yes

Recent Publications (within the past 18 months)

* JMU student author

1. *Chandra, C.M., Szwedo, D.E., Tan, J., Narr, R., & Allen, J.P. (*in press*) Interactions between anxiety subtypes, personality characteristics, and emotional regulation skills as predictors of future career outcomes.
2. Allen, J.P., Narr, R.K., Kansky, J., & **Szwedo, D.E.** (2019). Adolescent peer relationship qualities as predictors of long-term romantic satisfaction. *Child Development*, 1-14.
3. *Miles, M. M., Szwedo, D. E., & Allen, J.P. (2018). Learning to cope with anxiety: Long-term links from adolescence to adult career satisfaction. *Journal of Adolescence* (64), 1-12.

4. Mikami, A. Y., **Szwedo, D. E.**, Khalis, A., Jia, M., & Na, J. J. (2018). Online peer interactions predict academic success, psychopathology symptoms, and institutional attachment in the transition to university. *Journal of Research on Adolescence*, 1-15.

Recent Conferences (within the past 18 months)

*JMU student author

1. **Szwedo, D.E.**, Mikami, A.Y., Loeb, E.L., & Allen, J.P. (2020, March). *Long-term links between Facebook comments and young adult physical health*. Paper to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
2. Costello, M., Allen, J.P., *Welch, M.M., & **Szwedo, D.E.** (2019). *Adult outcomes of adolescent peer rejection and social anxiety*. Paper to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
3. **Szwedo, D.E.**, Loeb, E.L., & Allen, J.P. (2020, March). *Toward a successful adulthood: Adolescent parental and romantic predictors of positive personality and relational development*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
4. *Lis, E., *Miller, R., **Szwedo, D.E.**, & Allen, J.P. (2020). *Adverse childhood experiences and young adult romantic quality: The moderating roles of substance abuse and gender*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
5. *Brannigan, K., Kansky, J., **Szwedo, D.E.**, & Allen, J.P. (2020). *Adverse childhood experiences as predictors of young adult problem behavior: The moderating roles of romantic support and intimacy*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
6. *Anolik, S., *Doucette, N., **Szwedo, D.E.**, & Allen, J.P. (2020). *Predicting masculine gender role stress from gender roles and conformity values in adolescent men and their fathers*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
7. Fowler, C., *Sullivan, K., **Szwedo, D.E.**, & Allen, J.P. (2020). *Adolescent close friendship negativity and early adulthood adjustment*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
8. Rivens, A., Costello, M., *Dowdy, H.M., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *Too much of a good thing? Coping strategies and the relationship between adverse childhood experiences and psychosocial outcomes*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
9. *Gamache, J.E., Kansky, J., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *Adolescent social experiences as predictors of adult romantic jealousy*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
10. *Gamache, J.E., *Sertvert, E., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *Early adolescent maternal alienation and friend group makeup as predictors of maternal dating influence: Differences in gender*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
11. Hellwig, A., *Pitchford, K., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *At-risk adolescents at home and in the community: Roles of neighborhood quality, parenting behavior, and grit in future adjustment*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.

12. Kansky, J., *Isola, E., Costello, M., Pettit, C., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *Family of origin conflict and young adult's romantic relationship satisfaction*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
13. *Lis, E., *St.Martin, S., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *Links between early childhood social expectations, rejection sensitivity, and young adult romantic relationship quality*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.
14. *Poole, N.Q., Kansky, J., **Szwedo, D.E.**, & Allen, J.P. (2020, March). *Social pressures about sexual behavior during adolescence as predictors of young adult sexual and romantic experiences*. Poster to be presented at the Biennial Meetings of the Society for Research on Adolescence, San Diego, CA.

Dr. Sri Siddhi N. Upadhyay

Current Research

As a cognitive psychologist, Dr. Upadhyay's research focuses on understanding the cognitive processes that inform reading. Discourse processing - or text and narrative comprehension - involves more than simply understanding the individual words on a page. Our mental representations for what we read build from the smallest units of language to the broadest higher-order representations, and include word and sentence level comprehension, memory, attention, and social and pragmatic information. Several broad questions guide Dr. Upadhyay's research: We know our memory for the information we read is not infinite; what captures our attention as readers? Are readers guided by a story character's experience? To what extent does a reader's "inner voice" reflect a character's voice?

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection	X			
Data Entry	X			
Article Discussion	X			
Study Development	X			
Writing Group		X		
Post Hoc studies			X	
Literature Review	X			
IRB Preparation	X			
Study preparation	X			
Research Assistant Training	X			
Participant recruitment			X	
Data cleaning	X			
Data management	X			
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted		X		
Grant writing		X		
Conference attendance	X			
CV development	X			
Professional development	X			

Conduct research with non-human subjects				X
Have direct contact with human participants	X			

Things to know before getting involved

- **Is there an application to join the lab?** Yes.
- **Website?** Yes. Available at: <https://sriupadhyay.wixsite.com/dreamlab/dr-upadhyay-s-dream-lab>. Please be prepared to discuss your research interests in the Research Assistant application as well as with Dr. Upadhyay. Prior to completing a Research Assistant Application, or contacting Dr. Upadhyay, it is helpful for you to review sample publications to make sure your research interests align with the lab.
- **Is there a minimum commitment for this lab?** Yes, two consecutive semesters preferred.
- **Are 203 students accepted?** Yes
- **Are there required prerequisites?** Yes. An interest in cognitive psychology, specifically reading, language, and memory. Completion of the methodology core and completing of PSYC 380 Cognitive Psychology (preferably with Dr. Upadhyay).
- **Are there preferred prerequisites?** An interest in reading, memory, and language research and a desire/focus to pursue experimental psychology is preferred but not required.
- **Do you mentor honors thesis projects?** Yes, but students need to be in the lab for at least one semester and have taken PSYC 380 Cognitive Psychology (preferably with Dr. Upadhyay).

Recent Publications (within the past 18 months)

- Upadhyay, S. S. N., Houghton, K. J., & Klin, C. M. (2019). Is “Few” Always Less than Expected?: The Influence of Story Context on Readers’ Interpretation of Natural Language Quantifiers. *Discourse Processes*, 56(8), 708-727.
- Gregg, J., Upadhyay, S. S. N., Kuntzelman, K., Sacchi, E., & Westerman, D. L. (2019). Parallel effects of retrieval ease on attributions about the past and the future. *Acta psychologica*, 193, 96-104.
- Houghton, K. J., Upadhyay, S. S. N., & Klin, C. M. (2018). Punctuation in text messages may convey abruptness. *Computers in Human Behavior*, 80, 112-121.

Dr. Tracy Zinn

Current Research

Primary: Behavioral approaches to teaching/training, specifically, investigations of interteaching.

General: University systems as an organization; applications of I/O concepts to the university environment, including concept of procedural justice, perceptions of diversity and affirmative action, and student/faculty interactions.

Other: Perceptions of birth and breastfeeding; specifically, perceptions of and support for working mothers, family-friendly policies

Typical responsibilities/experiences of research assistants

	Often (All students experience this multiple times each semester)	Sometimes (Most students experience this each semester)	Rarely/Optional (Students may engage in these experiences but it is not typical)	Never (Students will never engage in this experience)
Data Collection		X		
Data Entry		X		
Article Discussion	X			
Study Development		X		
Writing Group		X		
Post Hoc studies			X	
Literature Review		X		
IRB Preparation		X		
Study preparation		X		
Research Assistant Training			X	
Participant recruitment				X
Data cleaning			X	
Data management		X		
Data analysis	X			
Lab meetings	X			
Manuscript preparation/publications submitted or accepted			X	
Grant writing			X	
Conference attendance		X		
CV development		X		
Professional development		X		
Conduct research with non-human subjects				X
Have direct contact with human participants		X		

Things to know before getting involved

- **Is there an application to join the lab?** Yes
- **Website?** Yes, http://jmu.co1.qualtrics.com/SE/?SID=SV_8BAqfYdVXchafo8
- **Is there a minimum commitment for this lab?** Usually two semesters, but some exceptions are made
- **Are 203 (formerly 203) students accepted?** Yes
- **Are there required prerequisites?** No
- **Are there preferred prerequisites?** Yes, prefer if students have completed PSYC 211 or PSYC 213
- **Do you mentor honors thesis projects?** Yes, but prefer students to have completed PSYC 402 with me if they are going to do an honor's thesis

Contact Dr. Zinn for a list of publications and presentations.

zinnte@jmu.edu