

**Agnes Scott College Division of Academic Affairs
Professional Activities Report (PAR)
Faculty Annual Review**

for the period of
June 1, 2016 – May 31, 2017

Deadline for completion of PAR: June 1, 2017

The vice president for academic affairs/dean of the college annually requests that each full-time faculty member complete a professional activities report to document the faculty member's activities and accomplishments in teaching, scholarship, and service. The PAR should be submitted with an up-dated *curriculum vita*.

Name: Bonnie Perdue **Rank:** Assistant Professor **Department** Psychology and Neuroscience

Department Chair? (click in box if "Yes") **Dates of Service:**
Program Director co-director **Dates of Service:**
for: neuroscience

I. Teaching and Advising

A. 2016-2017 Teaching: include independent study, special study, internships, etc.

Fall 2016	Course Name	Credit hours	Course number and section	No. of students per course/section who received a grade
	On sabbatical			

Spring 2017	Course Name	Credit hours	Course number and section	No. of students per course/section who received a grade
	Introductory Psychology: Biological and Cognitive Processes	4	PSY101	28
	Animal Behavior	4	PSY/BIO285	14
	Research in Cognitive Neuroscience	4	PSY400A	7

B. Summer 2016 Teaching at ASC or elsewhere: include independent study, special study, internships, etc.

Summer 2016 Course Name	Credit hours	Course number and section	No. of students per course/section who received a grade
Introductory Psychology: Biological and Cognitive Processes	4	PSY101	4

C. List curriculum and instructional development (development of new course(s), significant course revisions, major new instructional initiatives, material development, team teaching, interdisciplinary teaching, global connections/awareness trips (courses included above), significant pedagogical innovation, development of new experiments/demonstrations, lab manuals, new technology used in teaching). Note extra course load.

PSY101 - Introductory Psychology: I continued to develop the programming for this course including demonstrations and activities as well as incorporating more online interactions via Google Drive, Hangout and Forms.

PSY285/BIO285: Animal Behavior: This was my second time teaching the course. I continued to review and select reading materials and develop course materials. I also created more opportunities for creative presentations using digital platforms in an assignment about animals. Based on feedback from the previous semester, I also altered the testing schedule for the course. Finally, I arranged a visit to the zoo for students to explore the various species we had studied in the course.

PSY400: Research in Cognitive Neuroscience: I continued to connect the students in this course to Zoo Atlanta and worked in collaboration with zoo staff and curators to assess real issues or questions of interest for the zoo. I also required students to present research at SpARC and engaged them in the process of preparing a report for presentation.

D. List on-campus guest lectures

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E. General and major advising

Number of students for whom you are the MAJOR academic adviser	Number of students for whom you are the MINOR academic adviser	Number of SELF-DESIGNED MAJORS for whom you are the academic adviser	Number of UNDECLARED MAJORS for whom you are the academic adviser
15			

F. List other on-campus advising roles

<p>-Wrote letters of recommendation for graduate school. -Wrote one letter of recommendation for study abroad.</p>
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-Worked with student for STEM Scholars summer program.

G. Professional development related to teaching: Center for Teaching and Learning workshops or activities; ITS workshops, teaching conferences or seminars, etc.

-Attended and presented at the National Institute for the Teaching of Psychology
 -Attended and presented at the Annual Conference on Teaching (Society for Teaching, American Psychological Association)
 -Conflict Management Workshop, Agnes Scott College
 -Qualitative Interpretation/Evaluation of Sample Student Work in Summit Courses, Agnes Scott College

H. Grants received and requested, awards and honors related to teaching and advising.

1. Grants received or requested:

Source and status	Title, purpose	Date begin/end	Amount

2. Awards, honors, and recognition (from college, city, state, national or international professional organizations including fellowships, memberships, tenure, promotion).

Award or honor	Source	Date

II. Scholarship

A. Scholarly publications (broadly defined), performances, and exhibitions: published, performed, or exhibited between June 1, 2016 and May 31, 2017. Attach a copy of publication (title page only for books and the equivalent for software). List below using complete citation. Following each work, indicate in parentheses the type of review process that resulted in publication, e.g. peer review, editorial board review, invited, selected conference proceedings, etc.

1. Print publications such as articles, books, chapters in books, creative writing, edited text, editorials, monographs, reviews, etc.

Following each work, indicate in parentheses the type of review process that resulted in acceptance.

Beran, M. J., Menzel, C. R., Parrish, A. E., Perdue, B. M., Sayers, K., Smith, J. D., & Washburn, J. D. (2016). Primate cognition: Attention, episodic memory, prospective memory, self-control, and metacognition as examples of cognitive control in nonhuman primates. *WIREs Cognitive Science*. doi: 10.1002/wcs.1397 (Peer-review)

Beran, M. J., Perdue, B. M., Rossettie, M. S., James, B. T., Whitham, W., Walker, B., ... & Parrish, A. E. (2016). Self-control assessments of capuchin monkeys with the rotating tray task and the accumulation task. *Behavioural processes*, 129, 68-79. (Peer-review)

Perdue, B. M. (2016). The effect of computerized testing on sun bear behavior and enrichment preferences. *Behavioral Sciences*, 6(4), 19. (Peer-review)

Perdue, B. M. (2017). Mechanisms underlying cognitive bias in nonhuman primates. *Animal Behavior and Cognition*, 4(1), 105-118. (Peer-review)

Snyder, R. J., Perdue, B. M., Zhang, Z., Maple, T. L., & Charlton, B. D. (2016). Giant Panda

Maternal Care: A Test of the Experience Constraint Hypothesis. *Scientific Reports*, 6. (Peer-review)

2. Conference/meeting papers or posters. List date, meeting, conference or association name, location, title of presentation.

Following each work, indicate in parentheses the type of review process that resulted in acceptance.

Beran, M. J., Perdue, B. M., & Parrish, A. E. (March, 2017). Metacognitive and self-controlled chimpanzees. Invited presentation at the 63rd annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Perdue, B. M. (March, 2017). Team-Based Learning in a Research Methods Course. In J. L. Hughes, Keeping students' interest: Class activities for undergraduate psychology classes. Presentation at the 63rd annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Perdue, B. M., & Beran, M. J. (March, 2017). Exploring Metacognition with a Tool Use Task in Chimpanzees. Presentation at the 63rd annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Perdue, B. M., Smith, N., Dhingra, R., Rudolph, H. & Thomas, M. (March, 2017). Science at the Zoo. Paper presented at the 108th annual meeting of the Southern Society for Philosophy and Psychology, Savannah, GA.

Perdue, B. M. (January, 2017). Educating the Public about Psychological Science Research at the Zoo. Poster presented at the National Institute on the Teaching of Psychology, St. Pete's Beach, FL. (Peer-reviewed).

Perdue, B.M. (October, 2016). Sit down, stand up! Acting out schedules of reinforcement to reinforce learning in the classroom. "Live from Atlanta" presentation given at the 15th Annual Conference on Teaching, Decatur, GA.

Beran, M. J., Kelly, A. J., Perdue, B. M., Whitham, W., Love, M., Luk, P., Kelly, V., & Parrish, A. E. (November, 2016). Divide and conquer: Preschool children assign the hardest task to a helper. Paper presented at the 57th annual meeting of the Psychonomics Society, Boston, MA.

Parrish, A. E., Kelly, A. J., Perdue, B. M., Love, M., Whitham, W., Luk, P. Y., Kelly, V., & Beran, M. J. (November, 2016). Remembering for later: Exploring prospective memory development in preschool children. Poster presented at the 57th annual meeting of the Psychonomics Society, Boston, MA.

Perdue, B. M., Evans, T. A., & Beran, M. J. (November, 2016). Tool use and metacognition in chimpanzees. Poster presented at the 57th annual meeting of the Psychonomics Society, Boston, MA.

Perdue, B. M., Brown, E. (July, 2016). Irrational Choice Behavior in Nonhuman Primates. Poster presentation at the American Psychological Association annual meeting, Denver, CO.

Undergraduate Research Conference Presentations

Camden, A. Kelly, A., Love, M., Beran, M. & Perdue, B. (March, 2017). Habitual Prospective Memory in Young Children. Committee on Equality of Professional Opportunity undergraduate poster presented at the Southeastern Psychological Association conference, Atlanta, GA. (Faculty-reviewed).

Smith, N. & Perdue, B. (March, 2017). Visitor Engagement with Educational Signage at a Zoo Exhibit. Committee on Equality of Professional Opportunity undergraduate poster presented at the Southeastern Psychological Association conference, Atlanta, GA. (Faculty-reviewed).

Non-reviewed Undergraduate Conference Presentations at Agnes Scott College (SpARC)

Alford, L., Hightower, E. Alford, L., Rubin, T., & Perdue, B. M. (2017, April). The Effects of Integration on Aggression in Chilean Flamingos. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Camden, A., Kelly, A., Love, M., Beran, M. & Perdue, B. M. (2017, April). Habitual Prospective Memory in Young Children. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Carter, J., Garland, A., Braccini, S., & Perdue, B. M. (2017, April). The Effects of Weather on Sun Bear Location Preference and Pacing Behavior. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Garland, A., Carter, J. Braccini, S., & Perdue, B. M. (2017, April). Relationship between Zoo Crowd Size and Sun Bear Aggression and Social Interaction. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Hightower, E. Alford, L., Rubin, T., & Perdue, B. M. (2017, April). Intergroup Interaction of Flamingos After the Addition of a New Group. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Howard, B., Lucarelli, M., Braccini, S., & Perdue, B. M. (2017, April). The Influences of Hot Temperatures on African Elephants' Stereotypical Behavior (*Loxodonta africana*). Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Lucarelli, M., Howard, B., Braccini, S., & Perdue, B. M. (2017, April). Stereotypic Behavior in African Elephants (*Loxodonta africana*). Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Smith, N. & Perdue, B. M. (2017, April). Visitor Engagement with Educational Signage at a Zoo Exhibit. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Turner, T., Thomas, M. & Perdue, B.M. (2017, April). The Relation Between Zoo Visitor Knowledge and Attitudes Towards Animal Research. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

3. Performances, exhibitions, productions, recitals, etc. List title, date, location, and attach a program if available.

Following each work, indicate in parentheses the type of review process that resulted in acceptance.

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4. Nonprint publications such as software, film, video, or slide package.

Following each work, indicate in parentheses the type of review process that resulted in acceptance.

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5. Other types or categories of publication, not listed above.

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B. Publications, performances, or other works accepted for publication, performance, exhibition, etc. between June 1, 2016 and May 31, 2017.

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C. Collaborative research with students

Volunteer Research Lab Martha Vorder Bruegge Abigail Camden Hannah Rudolph Margaret Thomas Naomi Smith Trishna Vadlamudi Research Course Lab Lauren Alford Jasmin Carter Amirah Garland Reid Hightower Brittaney Howard Morgan Lucarelli Tyra Turner
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D. Professional development related to scholarship

1. Sabbaticals or pretenure leave. Describe (1) sabbatical or leave awarded with synopsis of intention or (2) as completed with synopsis of accomplishment.

Completed a sabbatical during the Fall of 2016. This project focused on exposing the general public to cognitive neuroscience research that takes place at the zoo. In particular, I created a video highlighting the sun bear touchscreen computer training research (that was supported by previous Professional Development Committee funds) in an effort to educate the public about these animals. Students were heavily involved in the planning and execution of the project and we recently co-authored a presentation about the work at a regional conference.
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2. Professional meetings attended [no presentation], special study, travel, etc. related to your discipline or to interdisciplinary work.

Fall 2016 - Attended the Committee on Animal Research Ethics meeting and the consolidated fall meeting of the American Psychological Association, Washington, DC. Spring 2017 - Attended the Committee on Animal Research Ethics meeting and the consolidated fall meeting of the American Psychological Association, Washington, DC.
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E. Grants received and requested, awards, honors related to scholarship.

1. Grants received or requested:

Source and status	Title, purpose	Date begin/end	Amount
National Science Foundation - Grant BCS 1552405.	Beran, M. J., Church, B. A., Perdue, B. M., Parrish, A. E., & Smith, J. D. (2016-2020). Confidence judgments and metacognition in comparative and developmental perspective.	2016-2020	587,087.00

2. Awards, honors, and recognition (from college, city, state, national or international professional organizations including fellowships, memberships, tenure, promotion).

Award or honor	Source	Date

III. Service to the Department, College, Students, Profession, Community

A. Faculty and college committee assignments, departmental service (chair, hiring committees, etc.), activities related to admission (help with recruitment and admission), student-related activities such as FYI groups, and other committee work. Define role if necessary.

<p>Departmental</p> <ul style="list-style-type: none"> -Psychology and Neuroscience Club – co-advisor (2013 to present): Attended meetings and assisted students with event planning and execution. -Assisted with Psychology and Neuroscience Picnic (2013 to present) -Nu Rho Psi (Neuroscience Honor Society) – co-advisor (2014 to present): Attended meetings and inductions <p>Committee Work</p> <ul style="list-style-type: none"> -Campus Life Committee (2014 to present) -Co-chair of the Spring Annual Research Conference (SpARC 2017)
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B. Professional activities for non-college audiences or organizations (judging, juries, consulting, organizing events, etc.)

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C. Service to the profession, e.g. committee work for or offices held in professional associations, committee work for

<ul style="list-style-type: none"> -Reviewed abstracts for Southern Society for Philosophy and Psychology -Reviewed abstracts for the Southeastern Psychological Association -Served on the Executive Council for the Southern Society for Philosophy and Psychology -Reveiwed textbook chapters -I have completed half of my three year term on the Committee for Animal Research and Ethics (CARE). CARE is a committee of the American Psychological Association and works to ensure responsible research with animals. I travel to Washington D.C. twice a year for committee meetings and attend the annual APA conference as a representative of CARE. Beginning in January 2016, I also participate in monthly conference calls with other members of the committee. -Reviewed manuscripts for Animal Cognition, Animal Behavior and Cognition, Animal Welfare, Behavioural Processes, International Journal of Comparative Psychology, Journal of Applied Animal Welfare, Journal of Comparative Psychology, Proceedings of the Royal

Society, B., Zoo Biology
-Guest lecture at Georgia State University on "Prospective Memory in Children"

D. List conferences attended, panels chaired or participated in, etc.

Chaired sessions at the Southeastern Psychological Association and the Southern Society for Philosophy and Psychology

E. Community service

F. Professional development related to service: workshops or seminars, etc.

G. Grants received and requested, awards, honors related to service.

1. Grants received or requested:

Source and status	Title, purpose	Date begin/end	Amount

2. Awards, honors, and recognition (from college, city, state, national or international professional organizations).

Award or honor	Source	Date