

**Kristin E. Bonnie, Ph.D.**

Associate Dean of Faculty and the Learning Experience

Professor, Department of Psychology

Beloit College

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**EDUCATION**

2007 PhD, Psychology (Neuroscience and Animal Behavior); Emory University, Atlanta, GA  
2003 MA, Psychology (Neuroscience and Animal Behavior); Emory University, Atlanta, GA  
1999 BS, Psychology, Minor in Biology; St. Lawrence University, Canton, NY

**ACADEMIC APPOINTMENTS**

2020-Present Associate Dean of Faculty and the Learning Experience  
2020-Present Professor of Psychology  
2020-Present Chair, Department of Math and Computer Science  
2017-2020 Chair, Department of Psychology  
2014-2020 Associate Professor of Psychology  
2008-2014 Assistant Professor of Psychology  
2007-2008 Visiting Assistant Professor of Psychology  
2007- Present Adjunct Scientist, Lincoln Park Zoo, Chicago, IL

**COLLEGE SERVICE**

2020-Present Chair, Department of Math and Computer Science  
2020-Present Equity Advisor for Faculty and Staff searches  
2019-2020 Faculty Status and Performance Committee - Elected member and Chair  
2017-2020 Chair, Department of Psychology  
2019 Summer Working Group (Institutional Strategic Planning) - Appointed member  
2019 Interim Faculty Co-Director, Initiatives Program (January-August)  
2018 Powerhouse taskforce – Appointed member  
2018-2019 Initiatives committee – Appointed member  
2018-2019 Provost search committee – Elected member  
2015-2018 Faculty Director, Academic Advising  
2016-2017 Faculty representative to Senior Staff  
2016-2017 Academic Strategic Planning committee - Chair  
2015-2017 Academic Strategic Planning committee - Elected member  
2015-2017 Strategic Enrollment Management committee  
2014 Critical Identity Studies teaching fellow search committee member  
2013-2014 Powerhouse Programming and Design committee member  
2013-2014 Initiatives Program Steering Committee  
2012-2014 Initiatives (Agency) Leadership Circle participant  
2010-2013 Professional & Program Development Committee - Elected member, chair  
2011 Biochemistry faculty search committee member  
2009-2013 Judicial Board member  
2009-2010 Academic Performance Committee - Elected member

**Other service activities since 2008:** Admissions Visit Day panelist and moderator; Faculty mentor to Women's Softball; Duffy Community Partnerships faculty mentor; International Symposium Day mentor and moderator; Student Symposium Day mentor and moderator; Faculty advisor to DIS and Estonia/Morocco study abroad programs; Internship and special projects mentor; member Phi Beta Kappa; Sustained reading group participant; Sustained Dialogue participant

## PROFESSIONAL SERVICE

2015-2016 Programming Committee Co-Chair, IPS-ASP conference (held in August 2016)  
2015-present Review Editor, *Frontiers – Psychology: Comparative Psychology*  
2010,'12,'14 Co-chair of student paper competition, International Primatological Society  
2008-2012 Education Committee, International Primatological Society  
2007 Animal Behavior Society, Annual meeting - Volunteer

**Ad hoc reviewer:** *Animal Behaviour; Animal Behavior and Cognition, Animal Cognition; American Journal of Primatology; Behaviour; Biology Letters; Current Anthropology; Evolutionary Psychological Science; Integrative and Comparative Biology; Journal of Comparative Psychology; Journal of Human Evolution; Leakey Foundation; Nature Communications; Netherlands Organisation for Scientific Research; Oikos; PLoS ONE; Polish National Science Foundation, Proceedings of the Royal Society B – Biological Sciences; National Science Foundation; Royal Society Open Science; Science; Science Advances; Scientific Reports*

## GRANTS AND AWARDS

2018 Mellon Decolonizing Pedagogies Research and Action Team Award (\$3500)  
2018 Associated Colleges of the Midwest FaCE Grant – R Across the Curriculum (\$13,500)  
2018 Kang Prize for Teaching with Technology (\$5000)  
2017 Mellon Decolonizing Pedagogies Curriculum Award (\$1200)  
2016 Sanger Summer Scholar Award, with student Andreea Hrehorciuc-Caragea  
2010 Invited participant, PKAL Summer Leadership Institute for Early Career Faculty  
2008 NSF International Postdoctoral Fellowship - *Declined*  
2007 FIRST Post-doctoral Fellowship Award, Emory University – *Declined*  
2006 Dean's Teaching Fellow Award, Emory University  
2002 National Science Foundation Graduate Research Fellowship  
1999 Phi Beta Kappa, Inductee  
1999 St. Lawrence University, Roach Outstanding Senior Psychology Major Award  
1998 Psi Chi Psychology Honorary, Inductee

## WORKSHOPS AND TRAINING

2019 Journey of Facilitation and Collaboration Leadership Workshop  
2017 Mellon Decolonizing Pedagogies Curriculum Development Workshop  
2017 Safe Zone LGBTQ training  
2016 Mellon Inclusive Pedagogies reading series  
2016 Thriving at the Liberal Arts College: Best Practices in Operations and Research, Grinnell College  
2015 ACM Institute for College Futures  
2012 ACM SAIL Seminar, Considering Animals  
2012 ACM FaCE, First Year Student Learning  
2011 Beloit College Developing Intercultural Competency workshop  
2010 PKAL Summer Leadership Institute  
2010 ACM FaCE Workshop on Developing Student Agency thru Community Exploration

- 2009 SENCER summer institute  
 2008 ACM collegium on Metacognition, Participant (November 2008- October 2010)  
 2008 Beloit College Information Literacy Workshop  
 2008 NITTE - Introduction to Teaching and Technology Workshop, St. Lawrence University

## PUBLICATIONS

### Peer reviewed articles

- [18] **Bonnie KE**, Kurtycz LMB, Shender MA, Ross SR, & Hopper LM (2019). Foraging in a social setting: A comparative analysis of captive gorillas and chimpanzees. *Primates*, 60(2), 125-131. doi: 10.1007/s10329-018-00712-x.
- [17] Cronin K, Jacobson SJ, **Bonnie KE**, & Hopper LM (2017). Studying primate cognition in a social setting to improve validity and welfare: a literature review highlighting successful approaches. *PeerJ* 5, e3649. doi: 10.7717/peerj.3649
- [16] **Bonnie KE**, Ang MYL, & Ross SR (2016). Effects of crowd size on exhibit use by and behavior of chimpanzees (*Pan troglodytes*) and Western lowland gorillas (*Gorilla gorilla*) at an accredited zoo. *Applied Animal Behavior Science*, 178, 102–110.
- [15] Lonsdorf EV, **Bonnie KE**, Grim M, Krupnick A., Prestipino M., & Whyte J. (2016). Seeding an arbitrary convention in capuchin monkeys: the effect of social context. *Behaviour*, 153, 633-654. doi:10.1163/1568539X-00003368
- [14] Hopper LM, Kurtycz L, Ross SR, & **Bonnie KE** (2015). Captive chimpanzee foraging in a social setting: a test of problem solving, flexibility, and spatial discounting. *PeerJ*, 3, e833; doi:10.7717/peerj.833
- [13] Calcutt SE, Lonsdorf EV, **Bonnie KE**, Milstein MS, & Ross SR (2014). Captive chimpanzees share diminishing resources. *Behaviour*, 151(14), 1967-1982.
- [12] Finestone E, **Bonnie KE**, Hopper LM, Vreeman VV, Lonsdorf EV, & Ross SR (2014). The interplay between individual, social, and environmental influences on chimpanzee food choices. *Behavioral Processes*, 105, 71-78. doi: <http://dx.doi.org/10.1016/j.beproc.2014.03.006>
- [11] **Bonnie KE**, Milstein MS, Calcutt S, Ross SR, Wagner K, & Lonsdorf EV (2012). Flexibility and persistence of chimpanzee foraging behavior in a captive environment. *American Journal of Primatology*, 74(7), 661-668.
- [10] Lonsdorf EV & **Bonnie KE** (2010). Opportunities and constraints when studying social learning: Developmental approaches and social factors. *Learning and Behavior*, 38(3), 195-205.
- [9] Horner V, Proctor D, **Bonnie KE**, Whiten A, & de Waal FBM (2010). Prestige affects cultural learning in chimpanzees. *PLoS ONE* 5(5): e10625. doi:10.1371/journal.pone.0010625.
- [8] **Bonnie KE** & Earley RL (2007). Expanding the scope for social information use. *Animal Behaviour*, 74, 171-181. doi: 10.1016/j.anbehav.2006.12.009.
- [7] Whiten A, Spiteri A, Horner V, **Bonnie KE**, Lambeth SP, Shapiro SJ, & de Waal FBM (2007). High-fidelity transmission of multiple traditions within and between groups of chimpanzees. *Current Biology*, 17, 1038-1043. doi: 10.1016/j.cub.2007.05.031
- [6] **Bonnie KE** & de Waal FBM (2007). Copying without rewards: Socially influenced foraging decisions among brown capuchin monkeys. *Animal Cognition*, 10, 283-292. doi:10.1007/s10071-006-0069-9.
- [5] **Bonnie KE**, Horner V, Whiten A, & de Waal FBM (2007). Spread of arbitrary conventions among chimpanzees: a controlled experiment. *Proceedings of the Royal Society of London*, 274, 367-372. doi: 10.1098/rspb.2006.3733
- [4] **Bonnie KE** & de Waal FBM (2006). Affiliation promotes the transmission of a social custom: handclasp grooming among captive chimpanzees. *Primates*, 47, 27-34.
- [3] Horner V, **Bonnie KE**, & de Waal FBM (2005). Identifying the motivations of chimpanzees: culture and collaboration. *Behavioral and Brain Sciences*, 28, 704-705.
- [2] Tonkiss J, Shultz PL, **Bonnie KE**, Hudson JL, Duran P, & Galler JR (2003). Spatial learning

deficits induced by musimol and CL218,872: lack of effect of prenatal malnutrition. *Nutritional Neuroscience*, 6, 379-387.

- [1] Tonkiss J, **Bonnie KE**, Hudson JL, Shultz PL, Duran P, & Galler JR (2003). Ultrasonic call characteristics of rat pups are altered following prenatal malnutrition. *Developmental Psychobiology*, 43, 90-101.

### Peer reviewed book chapters

- [3] Yasukawa K, & **Bonnie KE** (2017). Observational and experimental methods in comparative psychology. In J. Call, G.M. Burghardt, I.M. Pepperberg, C.T. Snowdon, & T. Zentall (Eds.), *APA handbook of comparative psychology* (pp 65-86). Washington, DC: American Psychological Association.
- [2] de Waal FBM & **Bonnie KE** (2009). In tune with others: the social side of primate culture. In K.N. Laland & B.G. Galef, Eds., *The Question of Animal Culture* (pp. 19-40). Cambridge, MA: Harvard University Press.
- [1] **Bonnie KE** & de Waal FBM (2004). Primate social reciprocity and the origin of gratitude. In RA Emmons and ME McCullough (Eds.), *The Psychology of Gratitude*, pp 213-229. Oxford: Oxford University Press.

### Other publications

- [3] **Bonnie KE** (2015). Comment on Nakagawa et al.: Embracing in a wild group of Yakushima Macaques (*Macaca fuscata yakui*) as an example of social customs. *Current Anthropology*, 56, 9.
- [2] Ottenhoff J, with **Bonnie KE**, Ragland R, Schodt D, Swyers H, & Thompson D (2011). Learning how to learn: Metacognition in liberal education. *Liberal Education*, 97(3/4).
- [1] **Bonnie KE** & de Waal FBM (2004). A review of 'The Biology of Traditions' (DM Fragaszy and S Perry, Eds). *Ethology*, 110, 576-577.

### **INVITED TALKS**

### **Location - Host**

January 2019	Beloit College, Faculty Forum (with Ken Yasukawa)
August 2018	Georgia State University, Atlanta, GA – Cognitive Science Program
November 2016	Beloit College, Faculty Forum
September 2015	Franklin & Marshall College, Lancaster, PA – Department of Psychology
October 2014	St. Lawrence University, Canton, NY
September 2014	Lincoln Park Zoo, Chicago, IL
September 2012	Beloit College, Psychology Lunch Seminar
April 2012	Beloit College, SPIEL
December 2011	Lincoln Park Zoo, Chicago, IL
February 2011	Beloit College, Faculty Forum
July 2010	UK-Royal Society of London Satellite Meeting on Social Learning
April 15, 2010	University of Wisconsin – Interdisciplinary Seminar in Animal Behavior
March 12, 2009	University of Wisconsin – Interdisciplinary Seminar in Animal Behavior
March 11, 2009	University of Chicago - Animal Behavior Discussion Group
February 14, 2008	Simpson College, Indianola, IA – Department of Psychology
February 6, 2008	Beloit College, Beloit, WI – Department of Psychology
April 4, 2007	Beloit College, Beloit, WI – Department of Psychology
February 26, 2007	California State University, Fresno – Department of Biology

## CONFERENCE PRESENTATIONS and POSTERS

### Presenting Author

- [24] **Bonnie KE** & Cox, S. (January 2019). Efforts to diversify the psychology curriculum: Thoughts, strategies, and action. Participant Idea Exchange facilitated at the National Institute for the Teaching of Psychology conference in St. Petersburg, FL.
- [23] **Bonnie KE**, Kurtycz LMB, Shender MA, Ross SR, & Hopper LM (August 2016). Social influences on the acquisition and spread of a token economy in zoo-housed apes. Talk presented at the joint International Primatological Society/American Society of Primatologists meeting in Chicago, IL.
- [22] **Bonnie KE**, Ang MYL, & Ross SR. (June 2015). Visitor effects on the behavior of and exhibit use by chimpanzees and gorillas at Lincoln Park Zoo. Talk presented at the American Society of Primatologists meeting in Bend, OR.
- [21] **Bonnie KE**, Hopper LM, Kurtycz LM & Ross SR (August 2014). Captive chimpanzees foraging behavior represents an interplay between food preferences, travel distances and social dynamics. Talk presented at the International Primatological Society meeting in Hanoi, Vietnam.
- [20] **Bonnie KE**, Finestone EM, Vreeman VM, Ross SR, & Lonsdorf EV. (August 2012). Variation in chimpanzee food choices as a function of individual preferences, social context and task. Talk presented at the International Primatological Society meeting in Cancun, Mexico.
- [19] Ragland RG, Angell D, **Bonnie KE**, Singleton S, Thompson D, & McWilliams K. (October 2011). Designing Metacognitive Strategies for Student Learning across Disciplines. A workshop/panel presented at the ISSOTL annual meeting, Milwaukee, WI.
- [18] **Bonnie KE**, Milstein M, Calcutt S, Ross SR, & Lonsdorf EV. (September 2011). Ignoring personal and social information leads to persistence of foraging habits in captive chimpanzees. Talk given at the American Society of Primatologists meeting, Austin, TX.
- [17] **Bonnie KE**, Milstein M, Calcutt S, Ross SR, & Lonsdorf EV. (July 2011). Ignoring personal and social information leads to persistence of foraging habits in captive chimpanzees. Poster presented at the combined meeting of the Animal Behavior Society and the International Ethological Conference, Bloomington, IN.
- [16] Ottenhoff J, Wirth K, Swyers H, Thompson D, **Bonnie KE**. (January 2011). Metacognition in Liberal Education: A Report about the Associated Colleges of the Midwest Teagle Collegium on Student Learning. Panel participant at Meeting of the Association of American Colleges and Universities, San Francisco, CA. (\*media coverage in *Inside Higher Education*, January 31, 2011)
- [15] **Bonnie KE**, Milstein M, Calcutt S, Ross SR, & Lonsdorf EV. (September 2010). Sensitivity of captive chimpanzees to individual and social information during foraging tasks. Talk given at the International Primatological Society meeting, Kyoto, Japan.
- [14] **Bonnie KE** (July 2010). Broadening connections: Social learning theory and practice. Invited talk given at Royal Society of London Discussion Meeting, Kavli Centre, UK.
- [13] **Bonnie KE** (January 2010). Is question choice a measure for metacognition among students in introductory psychology? Poster presented at the National Institute for the Teaching of Psychology annual meeting, St. Petersburg, FL.
- [12] **Bonnie KE** (July 2007). Social learning strategies in chimpanzees when reward probabilities vary. Talk given at the Animal Behavior Society conference, Burlington, VT
- [11] **Bonnie KE** (June 2007). In consideration of the 'social' in socially-mediated learning: lessons from capuchins and chimpanzees. Invited symposium talk given at the American Society of Primatologists annual meeting, Winston-Salem, NC
- [10] **Bonnie KE** & de Waal FBM (March 2007). Learning from others: what influences learning in a social setting? Poster presented at 'The Mind of the Chimpanzee' meeting in Chicago, IL.
- [9] **Bonnie KE**, Horner V, Whiten A, & de Waal FBM. (August 2006). Transmission of conventions among captive chimpanzees. Talk given at the Animal Behavior Society conference, Snowbird, UT.

## CONFERENCE PRESENTATIONS and POSTERS cont.

- [8] **Bonnie KE** & Earley RL (March 2006). Stop, look and listen: An integrative framework for social information use in animals. Poster presented at the Comparative Cognition Conference, Melbourne, FL
- [7] **Bonnie KE** & Earley RL (June 2005). A framework for social information use: connecting 'watch and learn' concepts. Talk given at the Animal Social Learning conference, St. Andrews, Scotland.
- [6] **Bonnie KE** & de Waal FBM (June 2005). Formation of handclasp grooming partnerships is affected by affiliation and experience. Poster presented at the Animal Social Learning conference, St. Andrews, Scotland.
- [5] **Bonnie KE** & de Waal FBM (August 2004) Do rewards and social relationships affect learning of a foraging task in brown capuchin monkeys? Symposium talk given at the International Primate Society meeting, Torino, Italy.
- [4] **Bonnie KE** & de Waal FBM (June 2004). Continued spread of handclasp grooming among captive chimpanzees. Poster presented at the American Society of Primatologists annual meeting, Madison, WI.
- [3] **Bonnie KE** & de Waal FBM (August 2003). Monkey see, monkey do? Factors affecting social learning in brown capuchin monkeys. Talk given at the International Ethology Conference, Florianopolis, Brazil.
- [2] **Bonnie KE** & de Waal FBM (March 2003). The role of reward on stimulus enhancement in capuchin monkeys. Talk given at the Comparative Cognition Society annual meeting, Melbourne, FL
- [1] **Bonnie KE** (April 1999). Influence of parity and pup related factors on maternal behavior in mice. Poster presented at the Eastern Psychological Association conference.

### Non-presenting co-author

- [10] Hopper LM, Cronin KA, Bernstein-Kurtycz LM, **Bonnie KE**, Ross SR (August 2019) The influence of anthropogenic environmental factors on the behavior and welfare of zoo-housed primates evaluated using cognitive and behavioral metrics. Talk presented (by LM Hopper) at the American Society of Primatologists meeting in Madison, WI.
- [9] Cronin KA, Jacobson SL, **Bonnie KE**, & Hopper LM (August 2016). Studying primate cognition in a social setting: trends from 15 years of field and captive experiments. Poster presented at the joint International Primatological Society/American Society of Primatologists meeting in Chicago, IL.
- [8] Lonsdorf EV, **Bonnie KE**, Krupnick A, & Grim M (September 2014). Integrating social dynamics into social learning experiments. Talk presented at the American Society of Primatologists meeting in Atlanta, GA.
- [7] Hopper LM, **Bonnie KE**, Kurtycz LM & Ross SR (June 2013). Testing for chimpanzee innovation and social learning in a zoo setting. Poster presented at the American Society of Primatologists meeting, San Juan, Puerto Rico.
- [6] Finestone EM, **Bonnie KE**, Vreeman VM, Ross SR, Lonsdorf EV. (June 2012). Chimpanzee (*Pan troglodytes*) food selections differ between solitary and social conditions. Talk presented at the American Society of Primatologists meeting, Sacramento, CA.
- [5] Finestone E, **Bonnie KE**, Vreeman V, Ross SR, & Lonsdorf EV (September 2011). Assessing food selectivity of zoo-housed chimpanzees (*Pan troglodytes*) in social and individual settings. Talk given at the American Society of Primatologists meeting, Austin, TX.
- [4] Finestone E, **Bonnie KE**, Ross SR, Milstein M, Calcutt S, Lonsdorf EV (September 2010). Assessing preferences of zoo housed chimpanzees (*Pan troglodytes*): Preliminary results. Poster presented at the Midwest Primate Interest Group meeting, Chicago, IL.
- [3] Milstein M., Calcutt SE, Ross SR, **Bonnie KE**, Lonsdorf EV (June 2010). Food-sharing in a variable environment among a group of zoo-housed chimpanzees (*Pan troglodytes*). Talk given at the American Society of Primatologists annual meeting, Louisville, KY.
- [2] Milstein M, **Bonnie KE**, Ross SR, Calcutt SE, & Lonsdorf EV (August 2009). Extractive tool-use by a group of zoo-housed chimpanzees (*Pan troglodytes*) in a variable environment: preliminary evidence of persistent strategies. Poster presented at the American Society of Primatologists annual meeting, San Diego, CA.
- [1] Horner V, Proctor D, **Bonnie KE**, Whiten A, & de Waal FBM (August 2008). Chimpanzee trendsetters: Does performer status affect the probability of cultural transmission? Talk given at the Congress of the International Primatological Society, Edinburgh, Scotland.