

CURRICULUM VITAE

FRANCYS SUBIAUL, Ph.D.

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Mind, Brain & Evolution Cluster, Mind-Brain Institute
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EDUCATION

2004	PHD	Anthropology, Columbia University
2002	MPHIL	Anthropology, Columbia University
2001	MA	Anthropology, Columbia University
1999	BA	Psychology & Anthropology, Boston University

ADVISORS

Undergraduate	Terrence W. Deacon: UC, Berkeley (Anthropology)
Undergraduate	Catherine L. Harris: Boston University (Psychology)
Graduate	Ralph L. Holloway: Columbia University (Anthropology)
Graduate	Herbert S. Terrace: Columbia University (Psychology)
Post-Doctoral	Daniel J. Povinelli: University of Louisiana (Cognitive Science)

EMPLOYMENT

2006-Present	The George Washington University (GWU), Asst. Professor
2004-2006	University of Louisiana, Post-Doctoral Fellow
2003-2004	University of Miami School of Medicine, Research Associate
2002-2003	Queens College, Adjunct Professor
1999-2002	Columbia University, Teaching Assistant

AFFILIATIONS

2010-Present	GWU: The GWU Institute for Neuroscience
2008-Present	GWU: Anthropology, CASHP
2008-Present	GWU: Mind-Brain Institute
2008-Present	Smithsonian: National Zoological Park, Research Associate
2007-Present	GWU: Mind, Brain & Evolution Cluster (Co-Director)
2007-Present	Children's National Medical Center: Center for Autism Spectrum Disorders, PI

INTERESTS

Imitation, Social Cognition, Cognitive Development, Human Uniqueness, Cognitive and Brain Evolution, Evolutionary Theory, Autism, Children, Non-Human Primates

HONORS & AWARDS

1999-2004 Presidential Fellowship, Columbia University
2002 Guest Speaker: Graduate Students Present, Cognitive Neuroscience Society Conference: San Francisco
1995-1999 Dean's List, Boston University
1996-1999 Honor's Program, Boston University

GRANTS

Subiaul, F (2011-2012). George Washington University: University Facilitating Fund. Mechanisms of Imitation Learning in Children [\$24,540].

Subiaul F (2009-11). National Science Foundation. EAGER Grant: Assessing Learning in Pre-Verbal Populations Using 'Gaze Click' Technology (BCS-0946376) [\$199,873].

Subiaul F (2008-2013). National Science Foundation. CAREER: The Evolution of Cultural Learning (BCS-0748717). [\$440,861].

Subiaul F (2008-Present). National Institutes of Health. Loan Repayment Program: Identifying Imitation Learning Deficits in Children with Autism (FWFR1158). [\$30,649].

Zawadzki T, Subiaul F, Sherwood C (2008-2011). The George Washington University, Research Enhancement Fund. Mind, Brain & Evolution Center. [\$103,500]

Subiaul F (2007). The George Washington University, University Facilitating Funds. Do children with autism offer explanations for social dilemmas? [\$7,700]

Terrace HS, Metcalfe J, Subiaul F (2005-08). J. S. McDonnell Foundation. The Evolution of Metacognition. (\$449,080). [Subcontract PI: Subiaul (\$241,347)]

Subiaul F (2002-03). Herbert & Sheri Lurie Foundation. Cognitive Imitation in Autistic Individuals. (\$5,033)

Subiaul F (2001). Scheps Foundation Summer Research Fellowship. Pilot Studies on Cognitive Imitation in Monkeys. (\$2,500).

PEER-REVIEWED PUBLICATIONS

Okamoto-Barth, S., Moore, C., Barth, J., Subiaul, F, Povinelli, D. (2011). Carry-over effect of joint attention to repeated events in chimpanzees and young children. *Developmental Science*.

Subiaul F (2010). Dissecting the Imitation Faculty: The Multiple Imitation Mechanisms Hypothesis. *Behavioral Processes*, 83(2): 222-34

Vonk J & Subiaul F (2009). Do chimpanzees know what other can and cannot do? *Animal Cognition*, 12(2): 267-86 [E-Pub Sept. 3, 2008]

Subiaul F, Vonk J, Barth J, Okamoto-Barth S (2008). Chimpanzees Learn the Reputation of Strangers by Observation. *Animal Cognition*, 11(4): 611-23 [Epub Mar. 21, 2008].

Sherwood, C., Subiaul, F., & Zawidzski, T. (2008). A Natural History of the Human Mind. *Journal of Anatomy*, 212(4): 426-54.

Subiaul F (2007). The Imitation Faculty in Monkeys: Evaluating its features, distribution and evolution. *Journal of Anthropological Sciences*, 85: 35-62.

Subiaul F, Cantlon J, Romansky K, Klein T, Terrace HS (2007). Cognitive Imitation in 2-Year Old Human Toddlers: A comparison with rhesus monkeys. *Animal Cognition*. 10(4): 369-75 [Epub Feb 8, 2007].

Subiaul F, Lurie H, Klein T, Holmes D, Terrace HS (2007). Cognitive Imitation in Typically-Developing 3- and 4-year Old and Individuals with Autism. *Cognitive Development*, 22: 230-43.

Subiaul F, Cantlon, JF, Holloway, Terrace HS (2004). Cognitive Imitation in Rhesus Macaques. *Science*, 305(5682), 407-10.

Fernandez I, Varga L, Perrion J, Collazo J, Subiaul F, Rehbein P, Torres J (2004). The Internet as Recruitment Tool for HIV Studies: Viable strategy for reaching at-risk Hispanic MSM in Miami? *AIDS Care*, 16(8): 953-63.

BOOKS & CHAPTERS

Subiaul, F. (2011). Cognitive Imitation: Evidence from human and non-human primates. In J. Vonk and T. K. Shackelford (Eds.), *The Oxford Handbook of Comparative Evolutionary Psychology*. New York: Oxford University Press.

Subiaul, F (2010). Mosaic Cognitive Evolution: The Case of Imitation Learning. In: *The Human Brain Evolving* (Broadfield, D., Yuan, M., Schick, K. & Toth, N., Eds.). Gosport: Stone Age Institute Press.

Subiaul F, Okamoto-Barth S, Barth J, & Povinelli DJ (2007). Human Cognitive Specializations. In Todd M. Preuss & Jon H. Kaas (Eds.) *Evolution of Nervous Systems: Volume V; The Evolution of Primate Nervous Systems*. Elsevier: New York.

Subiaul F (2004). *Cognitive Imitation in Monkeys and Children*. Unpublished Dissertation, Columbia University in the City of New York.

PUBLICATIONS IN REVIEW or UNDER REVISION

Subiaul F, Price E, Zawidzski T, Sherwood CC, Brooks A (In Review). The Evolution of the Human Imitation Faculty. *Journal of Comparative Psychology*. Invited Review.

Subiaul F., Anderson S., Brandt J., Elkins, J. (In Review). Multiple Imitation Mechanisms in Children. *Developmental Psychology*.

Subiaul F, Vonk J, Rutherford, MD (In Review). The Ghost in the Computer: How Agency-Attribution Mediates Cognitive Imitation in a Ghost Control. *Plos One*.

Subiaul F, Vonk J, Okamoto-Barth S, and Barth J (In Review). Thirty to thirty-five month olds learn from others' mistakes in a cognitive imitation paradigm. *Cognition & Development*.

WORKS IN PREPARATION

Subiaul F (In Prep). The Development of High-Fidelity (Over-) Imitation: From rational emulation to high-fidelity overimitation in pre-school aged children.

Subiaul F & Price E (In Prep). Learning the Rules: The role of familiarity and meaningfulness in orangutan's (*Pong abelii*) and human children's (*Homo sapiens*) serial memory.

Subiaul F. & Price, E. (In Prep). Multiple imitation mechanisms in great apes: Evidence from orangutans and human children.

Suda-King C & Subiaul F (In Prep). The use of safe choices in spatial memory tasks by orangutans.

INVITED TALKS

Subiaul F (2010). The Cognitive Architecture of Imitation: Insights into the Social Brain. Oxford University, Oxford: *Annual Autumn School in Cognitive Neuroscience*. Invited Speaker on "Social Neuroscience."

Subiaul F (2010). Reputation Judgments in Chimpanzees. Kyoto, Japan: *International Primatological Association*. Invited Speaker.

Subiaul F (2010). The cognitive architecture of cultural learning. London, UK: 'Culture Evolves,' *The Royal Society*. Invited Speaker.

Subiaul F (2009). Defining the Architecture of the Imitation Faculty: The Multiple Imitation Mechanisms Hypothesis. University of Massachusetts, Amherst: Neuroscience Seminar, Invited Speaker.

Subiaul F (2009). Dissociating Motor-Spatial and Cognitive Imitation: Evidence of Domain-Specific Individual, Observational and Imitation Learning Mechanisms in Human Children and Non-Human Primates. Fairfax, VA: *Monday Seminars*. Krasnow Institute, George Mason University.

Subiaul F (2009). Cognitive Imitation: Papers in Honor of Herbert S. Terrace. Melbourne Beach, FL: *Comparative Cognition Conference*:

Subiaul F (2008). The Imitation Faculty in Children and Primates. Washington, DC: Intellectual and Developmental Disabilities Research Center (IDDRRC). National Medical Center.

Subiaul F (2007). Dissecting the Imitation Faculty: Evidence from Monkeys, Apes and Children. Poolesville, Maryland: Laboratory of Comparative Ethology, National Institutes of Health (NICHD).

Subiaul F (2007). Dissecting the Imitation Faculty: Evidence from Monkeys, Apes and Children. Charlottesville, VA: Department of Psychology, University of Virginia.

Subiaul F (2007). Mosaic Cognitive Evolution: The case of Imitation. Papers in Honor of Ralph L. Holloway, JR. Bloomington, ID: Stone Age Institute and the Indiana University.

Subiaul F (2007). Dissociating Cognitive from Motor Imitation: Evidence from Monkeys and Children. Washington D.C.: Georgetown University, Department of Psychology.

Subiaul F (2007). The Many Faces of Imitation. Washington D.C.: George Washington University, Department of Psychology.

Subiaul F (2006). Learning Novel Rules from Others: Evidence from Children, Monkeys, and Chimpanzees. Washington D.C.: George Washington University, Department of Anthropology.

Subiaul F (2005). The Many Faces of Imitation. San Diego, CA: *Cognitive Development*

Society.

Subiaul F (2004). Motor & Cognitive Imitation: Facts, speculations and future directions. St. Andrews, UK: Animal Social Learning Conference.

Subiaul F (2004). The Dynamics of Imitation Learning. Cambridge, MA: Harvard University, Department of Psychology.

Subiaul F (2004). Cognitive Imitation & Cultural Evolution. Boca Raton, FL: Florida Atlantic University, Department of Anthropology.

Subiaul F (2002). Cognitive Imitation in Monkeys & Children. NY, NY: Columbia University, Department of Psychology.

CONFERENCE PRESENTATIONS

Subiaul, F. (2011). The development of high-fidelity imitation: From rational emulation to overimitation. *Jean Piaget Society*. Poster Presentation.

Subiaul F., Anderson S. & Brandt J., Elkins, J. (2011) Multiple imitation mechanisms in children. *Jean Piaget Society*. Poster Presentation.

Subiaul, F. Vonk, J., Okamoto-Barth S., and Barth J. (2010). Learning from Other's Mistakes. Baltimore, MD: *International Society for Infant Studies*. Poster Presentation.

Subiaul, F., Vonk, J., Rutherford, M.D. (2010). The ghost in the computer: The role of agency-attributions in ghost controls. Baltimore, MD: *International Society for Infant Studies*. Poster Presentation.

Suda-King C. & Subiaul F. (2010). Do Orangutans Know When They Do Not Remember? Melbourne Beach: Comparative Cognition Society (CO3). Poster Presentation.

Dindo M. and Subiaul F. (2010) When in Rome...Social learning and conformity in orangutans (*Pongo pygmaeus x abelii*). International Primatological Society XXIII Congress, Kyoto, Japan.

Dindo M., Stoinski T., Subiaul F., and Whiten A. (2010) Social learning and diffusion of novel foraging tasks in orangutans (*Pongo pygmaeus x Pongo abelii*). Comparative Cognition Society Meeting, Melbourne, FL, USA.

Dindo M., Stoinski T., Subiaul F., and Whiten A. (2009) Social learning and diffusion of novel foraging tasks in orangutans (*Pongo pygmaeus x Pongo abelii*). American Society of Primatologists Meeting, San Diego, CA, USA.

Subiaul F., Anderson S. & Brandt J. (2009). Dissociable Imitation Learning Skills in 3- and 4-Year Olds. Denver, CO: Society for Research on Child Development (SRCD). Poster

Subiaul F (2009). Isolating Imitation-Specific Learning Deficits in Children with Autism. Denver, CO: Society for Research on Child Development (SRCD). Poster

Subiaul F (2008). Isolating Cognitive from Motor Imitation: Evidence from Monkeys and Children. Vancouver, Canada: International Conferences on Infant Studies (ICIS). Poster Presentation.

Subiaul F Vonk J, Okamoto-Barth S, Barth J (2008). Do Chimpanzees Infer Reputation by Observation? Melbourne Beach: Comparative Cognition Society (CO3). Poster Presentation.

Subiaul F Vonk J, Okamoto-Barth S, Barth J (2007). Do Chimpanzees Infer Reputation by Observation? Chicago: The Mind of the Chimpanzee Conference. Poster Presentation.

Vonk F & Subiaul S (2006). Do Chimpanzee Know What Others Can Do? Boston: Society for Research on Child Development Conference. Poster Presentation.

Subiaul F & Vonk J (2006). The Ghost in the Computer: Agency Attribution Mediate Cognitive Imitation in a Ghost Control. Boston: Society for Research on Child Development Conference. Poster Presentation.

Subiaul F, Vonk J & Okamoto-Barth S (2006). Older 2-year olds (30-36 month olds) learn from other's mistakes in a cognitive imitation paradigm. Boston: Society for Research on Child Development Conference. Poster Presentation.

Subiaul F & Vonk J (2005). The Role of Agency Attribution in Cognitive Imitation. San Diego: Cognitive Development Society. Poster Presentation.

Subiaul F & Terrace HS (2005). Is Learning by Observation as Robust as Learning by Trial and Error? Melbourne Beach Florida: Comparative Cognition Society. Podium Presentation.

Subiaul F, Cantlon J, Terrace HS, Holloway RL (2003). Cognitive Imitation in Rhesus Monkeys. Melbourne Beach Florida: Comparative Cognition Society. Podium Presentation.

Subiaul F, Lurie H, Romansky K, Holmes D, Klein T, Holloway RL, Terrace HS (2002). Imitation, Autism, and Theory of Mind. Boston: Cognitive Science Society. Poster Presentation.

Subiaul F, Cantlon J, Romansky K, Klein T, Holloway RL, Terrace HS (2003). A Re-Evaluation of Human Imitation: No statistical difference between monkeys and 2- and 3-year olds in a cognitive imitation task. New York: Society of Cognitive Neuroscience Conference. Poster Presentation.

Subiaul F, Cantlon J, Holloway RL, Terrace HS (2002). Monkey See, Monkey Learn: Macaques learn 3-Item list of arbitrary pictures from an experienced model. American Journal of Physical Anthropology. Suppl. 32.

Subiaul F, Cantlon J, Holloway RL, Terrace HS (2002). Learning by Watching: Macaques learn a 3 and 4-item list from an expert model. San Francisco: Society of Cognitive Neuroscience Conference. Podium Presentation.

Sherwood C, Yuan M, Subiaul F, Holloway RL (2002). The Saggittal Suture and Bilateral Symmetry: Implications for Australopith endocast reconstruction. American Journal of Physical Anthropology, Suppl. 30: 279.

Subiaul F, Deacon TW, Harris C (1998). The Cerebellum and the Automatization of Language. Boston: Cognitive Neuroscience Research Forum. Poster Presentation.

TEACHING

2009-Pres. Asst. Professor, Mind, Brain & Evolution I & II (SPHR 721), GWU
2009-Pres. Asst. Professor, Autism (SPHR 801.11), GWU
2008-Pres. Asst. Professor, Foundations of Human Communication (SPHR 71), GWU
2006-Pres. Asst. Professor, Autism (SPHR 291), GWU
2006-Pres. Asst. Professor, Evolution of the Human Mind (SPHR 801.10), GWU
2006-2007. Asst. Professor, Adv. Topics in Pediatrics (SPHR 291), GWU
2002-2003 Adjunct Lecturer, Introduction to Human Evolution, Queens College
2003 Guest Lecturer, Primate Behavior & Ecology, CU
2002 Guest Lecturer, Dynamics of Human Evolution, CU
2002 Guest Lecturer, Fossil Evidence of Human Evolution, CU
2002 Teaching Fellow, The Human Species, CU
2002 Teaching Assistant, Dynamics of Human Evolution, CU
2001 Teaching Assistant, Human Skeletal Biology, CU
2001 Guest Lecturer, The Human Species, CU
2001 Teaching Assistant, Primate Behavior & Ecology, CU
2001 Teaching Assistant, The Human Species, CU

REVIEWER

National Institutes of Health, National Science Foundation, Behavioral Processes,

Psychonomic Bulletin & Review, Animal Cognition, Animal Behaviour, Journal of Experimental Child Psychology, International Journal of Primatology

PROFESSIONAL AFFILIATIONS

Association for Psychological Science (APS), Society for Research on Child Development (SRCD), Comparative Cognition Society (CO3), International Society for Infant Studies (ISIS)