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# CURRICULUM VITAE

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### EDUCATION

- 1970 "Kandidaats" in Biology, University of Nijmegen.  
1973 "Doctoraal" in Biology, Univ. of Groningen, w/ Prof. G. P. Baerends.  
1977 Ph.D. in Biology, Univ. of Utrecht, w/ Prof. J. A. R. A. M. van Hooff.

### ACADEMIC APPOINTMENTS

- 1997 - Present Director, Living Links, Yerkes National Primate Research Center (YNPRC), Emory University.  
1996 - Present Charles Howard Candler Professor of Primate Behavior, Psychology Department, Emory University.  
1991 - Present Research Professor of Psychobiology, YNPRC.  
1991 - Present Affiliate Scientist, Wisconsin National Primate Research Center, University of Wisconsin-Madison (WNPRC)  
1996 - 2000 Director of Graduate Studies: Program in Population Biology, Ecology, and Evolution, Emory University.  
1993 - 1996 Professor, Department of Psychology, Emory University  
1991 - 1993 Associate Professor, Department of Psychology, Emory University.  
1988 - 1991 Adjunct Associate Prof., Biol. Sciences, UW-Milwaukee  
1985 - 1991 Associate Scientist, WNPRC  
1989 - 1991 Affiliate Scientist, YNPRC  
1982 - 1985 Assistant Scientist, WNPRC  
1981 - 1982 Visiting Assistant Scientist, WNPRC  
1973 - 1981 Research Associate, Lab. Comparative Physiology, University of Utrecht

## AWARDS and HONORS

2009	Medal, Società di Medicina e Scienze Naturali, Parma (Italy)
2009	C.U. Ariëns Kappers Award (Netherlands)
2009	Doctor Honoris Causa, Universiteit voor Humanistiek, Utrecht (Netherlands)
2008	American Academy of Arts & Sciences, Fellow
2008	Pierre Bayle Oeuvre Award, Rotterdam Art Foundation (Netherlands)
2007	<i>Time Magazine</i> 100 World's Most Influential People Today
2005	American Philosophical Society (APS), Member
2005	Arthur W. Staats Award, American Psychological Foundation (APF)
2004	National Academy of Sciences (NAS), Foreign Member
2001	APA Presidential Citation for Outstanding Contributions
1998	Fellow of the Japan Society for the Promotion of Science (JSPS)
1996	Charles Howard Candler Chair, Emory University
1995	Fellow of the Carl Friedrich von Siemens Stiftung (Germany)
1993	Royal Dutch Academy of Sciences (KNAW), Correspondent Member
1989	Los Angeles Times Book Award for <i>Peacemaking among Primates</i>

*Further see "INDIVIDUAL RESEARCH AWARDS"*

## PROFESSIONAL ORGANIZATIONS

International Primatological Society (IPS); American Society of Primatologists (ASP); Animal Behavior Society (ABS); International Society of Human Ethology (ISHE); Société Francophone de Primatologie (SFDP); Association for Politics & Life Sciences (APLS), Human Behavior and Evolution Society (HBES), Mahale Wildlife Conservation Society.

## PUBLICATIONS

### Authored Books

- de Waal, Frans (1982). *CHIMPANZEE POLITICS: Power and Sex among Apes*, Jonathan Cape, London (other editions by Becht, Amsterdam, 1982; Harper & Row, New York, 1983; Harnack, Munich, 1983; Allen & Unwin, London, 1984; Dobutsu-Sha, Tokyo, 1984; Laterza, Rome, 1984; Éditions du Rocher, Monaco, 1987; Johns Hopkins University Press, Baltimore, MD, 1989; Alianza, Madrid, 1993; Heibon-Sha, Tokyo, 1994; Odile Jacob, Paris, 1995).
- de Waal, Frans (1998) - Revised Edition of *CHIMPANZEE POLITICS*, Johns Hopkins University Press, Baltimore, MD (other edition by Contact, Amsterdam, 1999; Bada, Seoul; Det Schønbergske Forlag, Kopenhagen, in press)
- de Waal, Frans (2007) – 25<sup>th</sup> Anniversary Edition of *CHIMPANZEE POLITICS*, Johns Hopkins University Press, Baltimore, MD.
- de Waal, Frans (1989). *PEACEMAKING AMONG PRIMATES*, Harvard University Press, Cambridge, MA (other editions by Het Spectrum, Utrecht, 1988; Rizzoli, Milan, 1990; Penguin Books, Hammondsworth, 1991; Hanser, Munich, 1991; Euroclub Italia, Milan, 1991; Flammarion, Paris, 1992; Dobutsu-Sha, Tokyo, 1993; DTV, Munich, 1993; Hainan, Haikou, in press; Saemulgyul, Seoul, in press).
- de Waal, Frans (1996). *GOOD NATURED: The Origins of Right and Wrong in Humans and Other Animals*. Harvard University Press, Cambridge, MA (other editions by Contact, Amsterdam, 1996; Garzante, Milan, 1997; Hanser, Munich, 1997; Bayard, Paris, 1997; Herder, Barcelona, 1997; Soshi-Sha, Tokyo, 1998; Zmora-Bitan, Haifa, 1998; Terra Cognita, Helsinki, 1998; Konyvkiado, Budapest, 2001; Naklada Jesenki & Turk, Zagreb, 2001;

- Wydawnictwo Bel, Warsaw, in press; Sociologické Nakladatelství, Prague, in press; China Three Gorges, Beijing, in press; Saemulgyul, Seoul, in press; Academia, Czech, in press).
- de Waal, Frans (1997). *BONOBO: The Forgotten Ape*, with photographs by Frans Lanting. University of California Press, Berkeley, CA (other editions by Kosmos, Utrecht, 1997; Birkhauser, Basel, 1998; Fayard, Paris, 1999; Soshi-Sha, Tokyo, 2000).
- de Waal, Frans (2001). *THE APE AND THE SUSHI MASTER: Cultural Reflections by a Primatologist*. Basic Books, New York (other editions by Contact, Amsterdam, 2001; Penguin, London, 2001; Fayard, Paris, 2001; Paidós Iberica, Madrid, 2002; Garzanti, Milan, 2002; Hanser, Munich, 2002; Hara-Shobo, Tokyo, 2002; DTV, Munich, 2005; Shanghai Scientific & Technical Publishers, Shanghai, 2005).
- de Waal, Frans (2003). *MY FAMILY ALBUM: Thirty Years of Primate Photography*. University of California Press, Berkeley, CA (other editions by Fayard, Paris, 2003; Contact, Amsterdam, 2004; Nymphenburger, Munich, 2003).
- de Waal, Frans (2005). *OUR INNER APE: A Leading Primatologist Explains Why We Are Who We Are*. Riverhead, New York (other editions by Contact, Amsterdam, 2005; Granta, London, 2005; Fayard, Paris, 2006; Hayakawa-Shobo, Tokyo, 2005; Gimm-Young, Seoul, 2005; Hanser Verlag, Munich, 2006; Garzanti, Milan, 2006; Svenska, Stockholm, 2005; Tusquets, Barcelona, 2007; Letras, Rio de Janeiro, 2007; Keter Books, Jerusalem, 2009; Aiora, Athens, in press; Shanghai Scientific & Technical Publishers, Shanghai, in press; Metis, Istanbul, in press).
- de Waal, F. B. M. (2006). *PRIMATES & PHILOSOPHERS: How Morality Evolved*, S. Macedo & J. Ober (Eds.). Princeton, NJ: Princeton University Press (other editions by Paidós, Barcelona, 2007; Hanser Verlag, Munich; Garzanti, Milan; Contact, Amsterdam; Le Pommier, Paris).
- de Waal, Frans (2009). *THE AGE OF EMPATHY: Nature's Lessons for a Kinder Society*. New York: Harmony Books (other editions by Tusquets, Barcelona; Hanser Verlag, Munich; Contact, Amsterdam; McClelland, Toronto; Gimm-Young, Seoul; Éditions 3L, Paris).

### **Edited Volumes**

- de Waal, F. B. M. (1981). *SOCIOBIOLOGIE TER DISCUSSIE*, Bohn, Utrecht (Dutch).
- Harcourt, A. H., & de Waal, F. B. M. (1992). *COALITIONS AND ALLIANCES IN HUMANS AND OTHER ANIMALS*. Oxford University Press, Oxford.
- Nishida, T., McGrew, W. C., Marler, P., Pickford, M., & de Waal, F. B. M. (1992). *TOPICS IN PRIMATOLOGY, Vol. 1, Human Origins*. University of Tokyo Press, Tokyo.
- Wrangham, R. W., McGrew, W. C., de Waal, F. B. M., and Heltne, P. (1994). *CHIMPANZEE CULTURES*. Harvard University Press, Cambridge, MA.
- Aureli, F., & de Waal, F. B. M. (2000). *NATURAL CONFLICT RESOLUTION*. University of California Press, Berkeley, CA.
- de Waal, F. B. M. (2001). *TREE OF ORIGIN: What Primate Behavior Can Tell Us About Human Social Evolution*. Harvard University Press, Cambridge, MA (other editions: Saemulgyul, Korea, in press).
- de Waal, F. B. M. (2002). N. N. Ladygina-Kohts: *INFANT CHIMPANZEE AND HUMAN CHILD: A Classic 1935 Comparative Study of Ape Emotions and Intelligence*. F. B. M. de Waal (Ed.). Oxford: Oxford University Press.
- de Waal, F. B. M., & Tyack, P. L. (2003). *ANIMAL SOCIAL COMPLEXITY: Intelligence, Culture, and Individualized Societies*. Harvard University Press, Cambridge, MA.
- Ekman, P., Campos, J. J., Davidson, R. J., & de Waal, F. B. M. (2003). *EMOTIONS INSIDE OUT: 130 years after Darwin's "The Expression of the Emotions in Man and Animals."* New York: New York Academy of Sciences, Volume 1000.

### Peer-Reviewed Research Papers

- de Waal, F. B. M. (1975). The wounded leader: A spontaneous temporary change in the structure of agonistic relations among captive Java-monkeys (*Macaca fascicularis*). *Netherlands' Journal of Zoology* 25: 529-549.
- de Waal, F. B. M., J. A. R. A. M. van Hooff and W. Netto (1976). An ethological analysis of types of agonistic interaction in a captive group of Java-monkeys (*Macaca fascicularis*). *Primates* 17: 257-290.
- de Waal, F. B. M. (1976). Straight-aggression and appeal-aggression in *Macaca fascicularis*. *Experientia* 32: 1268-1270.
- de Waal, F. B. M. (1977). The organization of agonistic relations within two captive groups of Java-monkeys (*Macaca fascicularis*). *Z. Tierpsychol.* 44: 225-282.
- de Waal, F. B. M. (1978). Exploitative and familiarity-dependent support strategies in a colony of semi-free-living chimpanzees. *Behaviour* 66: 268-312.
- de Waal, F. B. M., & A. van Roosmalen (1979). Reconciliation and consolation among chimpanzees. *Behav. Ecol. Sociobiol.* 5: 55-66.
- de Waal F., & J. Hoekstra (1980). Contexts and predictability of aggression in chimpanzees. *Anim. Behav.* 28: 929-937.
- Noë, R., F. B. M. de Waal and J. A. R. A. M. van Hooff (1980). Types of dominance in a chimpanzee colony. *Folia Primatol.* 34: 90-110.
- de Waal, F. B. M. and J. A. R. A. M. van Hooff (1981). Side-directed communication and agonistic interactions in chimpanzees. *Behaviour* 77: 164-198.
- Nieuwenhuisen, C., & F. B. M. de Waal (1982). Effects of spatial crowding on social behavior in a chimpanzee colony. *Zoo Biol.* 1: 5-28.
- de Waal, F. B. M., & D. Yoshihara (1983). Reconciliation and re-directed affection in rhesus monkeys. *Behaviour* 85: 224-241.
- de Waal, F. B. M. (1984). Coping with social tension; Sex differences in the effect of food provision to small rhesus monkey groups. *Anim. Behav.* 32: 765-773.
- de Waal, F. B. M. (1984). Sex-differences in the formation of coalitions among chimpanzees. *Ethol. & Sociobiol.* 5: 239-255.
- de Waal, F. B. M., & L.M. Luttrell (1985). The formal hierarchy of rhesus monkeys: an investigation of the bared-teeth display. *Am. J. Primatol.* 9: 73-85.
- de Waal, F. B. M. (1986). Class structure in a rhesus monkey group; the interplay between dominance and tolerance. *Anim. Behav.* 34: 1033-1040.
- de Waal, F. B. M. (1986). The brutal elimination of a rival among captive male chimpanzees. *Ethol. Sociobiol.* 7: 237-251.
- de Waal, F. B. M. (1986). Integration of dominance and social bonding in primates. *Q. Rev. Biol.* 61: 459-479.
- de Waal, F. B. M., and L.M. Luttrell (1986). The similarity principle underlying social bonding among female rhesus monkeys. *Folia primatol.* 46: 215-234.
- de Waal, F. B. M. (1987). Tension regulation and nonreproductive functions of sex in captive bonobos (*Pan paniscus*). *Nat. Geogr. Res.* 3: 318-335.
- de Waal, F. B. M. (1988). The communicative repertoire of captive bonobos (*Pan paniscus*), compared to that of chimpanzees. *Behaviour* 106: 183-251.
- de Waal, F. B. M., & L. M. Luttrell (1988). Mechanisms of social reciprocity in three primate species: symmetrical relationship characteristics or cognition? *Ethol. Sociobiol.* 9: 101-118.
- de Waal, F. B. M., & R. Ren (1988). Comparison of the reconciliation behavior of stump-tail and rhesus macaques. *Ethology* 78: 129-142.
- de Waal, F. B. M. (1989). The myth of a simple relation between space and aggression in captive primates. *Zoo Biol. Suppl.* 1:141-148.

- de Waal, F. B. M. (1989). Food sharing and reciprocal obligations among chimpanzees. *J. Human Evol.* 18: 433-459.
- Dow, M., & F. B. M. de Waal (1989). Assignment methods for the analysis of network subgroup interactions. *Soc. Networks* 11: 237-255.
- de Waal, F. B. M., & L. M. Luttrell (1989). Toward a comparative socioecology of the genus *Macaca*: Different dominance styles in rhesus and stump-tail monkeys. *Am. J. Primatol.* 19: 83-109.
- de Waal, F. B. M. (1990). Do rhesus mothers suggest friends to their offspring? *Primates* 31: 597-600.
- de Waal, F. B. M. (1991). The chimpanzee's sense of social regularity and its relation to the human sense of justice. *Am. Behav. Scientist* 34: 335-349.
- de Waal, F. B. M. (1991). Rank distance as a central feature of rhesus monkey social organization: A sociometric analysis. *Anim. Behav.* 41: 383-398.
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- de Waal, F. B. M. (1991). Complementary methods and convergent evidence in the study of primate social cognition. *Behaviour* 118: 297-320.
- Bauers, K. A., & F. B. M. de Waal (1991). "Coo" vocalizations in stump-tailed macaques: a controlled functional analysis. *Behaviour* 119: 143-160.
- de Waal, F. B. M. (1992). Intentional deception in primates. *Evol. Anthropol.* 1: 86-92.
- de Waal, F. B. M., Luttrell, L. M., & Canfield, M. E. (1993). Preliminary data on voluntary food sharing in brown capuchin monkeys. *Am. J. Primatol.* 29: 73-78.
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- Judge, P. G., & de Waal, F. B. M. (1993). Conflict avoidance among rhesus monkeys: Coping with short-term crowding. *Anim. Behav.* 46: 221-232.
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- Judge, P. G., & de Waal, F. B. M. (1994). Intergroup grooming relations between alpha females in a population of free-ranging rhesus macaques. *Folia primatologica* 63: 63-70.
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- de Waal, F. B. M. (1995). Bonobo sex and society. *Scientific American* 272 (3): 82-88.
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- de Waal, F. B. M. (1996). Macaque social culture: Development and perpetuation of affiliative networks. *J. Comp. Psychol.* 110: 147-154.
- de Waal, F. B. M., Uno, H., Luttrell, L. M., Meisner, L. F., & Jeannotte, L. A. (1996). Behavioral retardation in a macaque with autosomal trisomy and aging mother. *Am. J. Mental Retardation* 100: 378-390.

- Parr, L. A., Hopkins, W. D., & de Waal, F. B. M. (1996). Haptic discrimination in capuchin monkeys (*Cebus apella*): Evidence of manual specialization. *Neuropsychologia* 35: 143-152.
- Aureli, F., & de Waal, F. B. M. (1997). Inhibition of social behavior in chimpanzees under high-density conditions. *Am. J. Primatol.* 41: 213-228.
- de Waal, F. B. M. (1997). Food-transfers through mesh in brown capuchins. *J. Comp. Psychol.* 111: 370-378.
- de Waal, F. B. M. (1997). The chimpanzee's service economy: Food for grooming. *Evol. & Human Behav.* 18: 375-386.
- de Waal, F. B. M., & Seres, M. (1997). Propagation of handclasp grooming among captive chimpanzees. *Am. J. Primatol.* 43: 339-346.
- Judge, P. G., & de Waal, F. B. M. (1997). Rhesus monkey behaviour under diverse population densities: Coping with long-term crowding. *Anim. Behav.* 54: 643-662.
- Parr, L. A., Matheson, M. D., Bernstein, I. S., & de Waal, F. B. M. (1997). Grooming down the hierarchy: Allogrooming in captive brown capuchin monkeys, *Cebus apella*. *Anim. Behav.* 54: 361-367.
- Verbeek, P., & de Waal, F. B. M. (1997). Postconflict behavior in captive brown capuchins in the presence and absence of attractive food. *Int. J. Primatol.* 18: 703-725.
- de Waal, F. B. M., & Embree, M. (1998). The triadic nature of primate social relationships. *Family Systems* 4: 5-18.
- Parr, L. A., Hopkins, W. D., & de Waal, F. B. M. (1998). The perception of facial expressions by chimpanzees, *Pan troglodytes*. *Evolution of Communication* 2: 1-23.
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- de Waal, F. B. M. (1999). The end of nature versus nurture. *Scientific American* 281 (6): 94-99.
- Lilienfeld, S. O., Gershon, J., Duke, M., Marino, L., & de Waal, F. B. M. (1999). A Preliminary Investigation of the construct of psychopathic personality (psychopathy) in chimpanzees (*Pan troglodytes*). *Journal of Comparative Psychology* 113: 365-375.
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- de Waal, F. B. M. (in press). Pre-Human Foundations of Morality. In: *Secular Enchantment*, G. Levine (Ed.). Princeton University Press.
- de Waal, F. B. M. (in press). The need for a bottom-up account of chimpanzee cognition. In: *The Mind of the Chimpanzee: Ecological and Experimental Perspectives*, E. V. Lonsdorf, S. R. Ross & T. Matsuzawa (eds). Chicago, IL: University of Chicago Press.
- de Waal, F. B. M., & Pollick, A. S. (in press). Gesture as the most flexible modality of primate communication. *Oxford Handbook of Language Evolution*, M. Tallerman & K. Gibson (Eds.). Oxford: Oxford University Press.
- Plotnik, J. M., & de Waal, F. B. M. (in press). Cooperation. *Handbook of Animal Behavior*.
- Pokorny, J., Webb, C., & de Waal, F. B. M. (under review). Capuchin monkeys show face recognition with an inversion effect modified by expertise. *Quarterly Journal of Experimental Psychology*.

## SELECTED INVITED ADDRESSES SINCE 1998

<b>Year</b>	<b>Where</b>	<b>Named lecture</b>
1998	University of Utrecht, Netherlands	de-Wied Lecture
2000	University of Wisconsin-Madison	Annual Hilldale Lecture
2002	The Hague, Netherlands	NWO - Huygenslezing
2003	McGill University, Montréal, Canada	E. O. Hebb Lecture
2003	St. Andres University, Scotland, UK	Irvine Memorial Lecture
2003	Princeton University	Tanner Lectures
2004	Queen's Univ., Kingston, Canada	Brockington Lecture
2005	Washington, DC	APF - Arthur W. Staats Lecture
2005	Auburn University, Auburn, AL	Littleton-Franklin Lecture
2005	MIT, Boston, MA	Hans-Lukas Teuber Memorial Lecture
2006	Atlanta Zoo, GA	Jeffrey Bourne Lecture
2007	Uppsala, Sweden	300 Yrs Carl Linnaeus Lecture
2007	Université de Genève, Switzerland	Louis-Jeantet Lecture
2007	Leiden University, Netherlands	100 Years Niko Tinbergen Lecture
2008	Bowling Green, OH	McMaster Lecture
2008	Gustavus Adolphus, MN	Rydell Lecture
2009	Colorado College, Colorado Springs, CO	Sabine Distinguished Lecture
2009	University of Auckland, New Zealand	Sir Douglas Robb Lectures
2009	100th anniversary of NIN, Amsterdam	Ariëns Kappers Lecture

<b>Year</b>	<b>Where</b>	<b>Keynote Address</b>
1999	Oaxaca, Mexico	Int. Soc. History, Phil. & Social Studies of Biology
1999	Atlanta, GA	Association of Politics & Life Sciences
2001	Washington, DC	AAA - Decade of Behavior Distinguished Lecture
2002	Kyoto, Japan	First Imanishi-Itani Distinguished Lecture
2002	Münster, Germany	European Conference Behavioural Biology
2004	Gent, Belgium	International Soc. Study Behav. Development
2005	Liverpool, UK	Primate Society of Great Britain
2005	Sapporo, Japan	Int. Mammalogical Congress
2006	Montreal, Canada	Int. Association of Conflict Management
2007	Munich, Germany	Siemens Stiftung
2007	Maastricht, Netherlands	Nederlandse Vereniging voor de Psychiatrie
2007	Kyoto, Japan	40 Yrs Primate Research Institute
2007	Aarhus, Denmark	Human Mind - Humankind
2007	Chicago, IL	American Political Science Association
2007	Cambridge, UK	Evol. Brain, Behaviour & Intelligence
2007	Tilburg University, Netherlands	Emotions Congress
2008	Lausanne, Switzerland	Swiss Society for Ecology and Evolution
2008	Berkeley, CA	Ontology Conference
2008	Maastricht, Netherlands	Seksuologische Vereniging
2008	The Hague, Netherlands	Koninklijke Nederlandse Akademie v Wetenschappen
2009	University of Utah, Tanner Center	Conference on Violence and Peace
2009	Hofstra University, NY	Darwin 200 <sup>th</sup> Birthday Conference

## ACADEMIC REVIEW

2009 - Present	Editorial Board, <i>Zygon</i>
2007 - Present	Associate Editor, <i>Advanced Science Letters</i>
2007 - Present	Editorial Board, <i>Journal of Anthropological Psychology</i>
2004 - Present	Editorial Board, <i>Greater Good</i> (magazine)
2004 - Present	Editorial Board, <i>Journal of Ethology</i>
2003 - Present	Editorial Board, <i>PLoS-Biology</i>
2001 - Present	Editorial Board, <i>Evolutionary Psychology</i> ( <a href="http://human-nature.com/ep/">http://human-nature.com/ep/</a> )
1998 - Present	Editorial Board, <i>Primates</i>
1995 - Present	Editorial Board, <i>International Journal of Primatology</i>
1993 - Present	Editorial Board, <i>Journal of Comparative Psychology</i>
1991 - 2000	Editorial Board, <i>Politics and the Life Sciences</i>
2000	NSF Animal Behavior (IBN) grant review panel
1997 - 2003	Associate Editor, <i>American Journal of Primatology</i>
1988 - 1993	Consulting Editor, <i>Zoo Biology</i>
1985 - 1988	Editorial Board, <i>Animal Behaviour</i>
1980 - 1982	Editorial Board, <i>De Levende Natuur</i> (Dutch)

## Ph. D. Theses (Co-)Supervised (exam year)

Dr. Peter Verbeek (1996)  
Dr. Amy R. Parish (1996)  
Dr. Ann Ch. Weaver (1999)  
Dr. Lisa A. Parr (2000)  
Dr. Jessica C. Flack (2003)  
Dr. Sarah F. Brosnan (2004)  
Dr. Sarah Poss (2005)  
Dr. Amy S. Pollick (2006)  
Dr. Kristin E. Bonnie (2007)  
Dr. Jennifer Pokorny (2009)

## Post-doctoral (Co-)Advisor

Dr. Peter Judge (1989-1994)  
Dr. Filippo Aureli (1993-2000)  
Dr. Signe Preuschoft (1999-2002)  
Dr. Peter Nelson (2000-2003)  
Dr. Victoria Horner (2003-present)  
Dr. Teresa Romero (2007-2009)  
Dr. Matthew Campbell (2007-present)

## Current Graduate Students

Colleen Gault  
Joshua Plotnik  
Malini Suchak  
Ian Longacre