

Sep. 2018

CURRICULUM VITAE

Dayk JANG

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Seoul National University
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ACADEMIC POSITIONS

- Associate Professor, College of Liberal Studies, Seoul National University (SNU), Korea, Mar. 2013 ~ Present
- Visiting Fellow (for sabbatical leave), Center for Cognitive Studies, Tufts University, US. (host: Daniel C. Dennett), Aug. 2013 ~ Jul. 2014
- Adjunct Professor, Program in Cognitive Science, SNU (Sep 2012 ~ Present)/
Program in History & Philosophy of Science, SNU (Sep. 2010 ~ Present)
- Assistant Professor, College of Liberal Studies, SNU, May 2010 ~ Feb. 2013
- Assistant Professor, College of Liberal Arts & Education, Dongduk Women's University, Korea, Mar. 2008 ~ Apr. 2010
- Research Professor, Science Culture Research Center, Seoul National University, Korea, Sep. 2007 ~ Feb. 2008
- Visiting Scholar (Post-doc.), Center for Cognitive Studies, Tufts University, US. (advisor: Daniel C. Dennett), Sep. 2006 ~ Jul. 2007
- Lecturer, Seoul National Univ/KAIST/Yonsei Univ, Mar. 2004 ~ Feb. 2008

EDUCATION

Ph.D. in Program in History and Philosophy of Science, Seoul National University, Aug. 2005. Dissertation title: *Genes, Selection, and Mind from an Evo-Devo Point of View: A Modular approach*. (Advised by Inrae Cho and Jae C. Choe)

M.S. in Program in History and Philosophy of Science, Seoul National University, Aug. 1997. Thesis: *Individuality and the ontological status of species*

B.S. in Mechanical Engineering, Korea Advanced Institute of Science and Technology [KAIST], Feb. 1994.

SPECIALTY

Philosophy of Biology, Evolutionary Biology, Evolutionary Psychology, Evo-Devo, Science and Religion, Bioethics

AWARDS & HONORS

2010 National Medal of Science and Culture (The Minister of Science and Technology, Korea)

2009 Best Author in Science and Technology (The Minister of Science and Technology, Korea)

TEACHING

Philosophy of Biology (grad seminar): Fall 2005, 2008, 2010, 2012, 2014

Philosophy of Science (grad seminar) : 2010, 2011, 2012, 2013, 2015, 2016/(lecture): 2004~2007

Foundations of Biology (grad seminar): Spring 2008, Fall 2011, 2012, 2016

Evolution of Cognition and Culture (grad seminar): Fall 2009, Spring 2013, Fall 2018

Science and Religion (lecture): Fall 2009, 2011

Biological Understand of Human Nature: Fall 2012, Fall 2014, Fall 2015, Fall2016, Fall 2017. Fall 2017

ADVISING

Ph. D.: JinKwon Jun

Graduate Students of PHPS: Jinyoung Kim(PhD), Hyungseok Lee(PhD), SeonJin Park(MA), Eunsoo Kim(MA), Min-Seop Lee(MA), Ohyun Kwon(MA), Boyun Lee(MA), Yoohe Jeong(MA)

Graduate Students of PCS: Yong-Jae CHA(phD), Sojung Baek(MA), Jisoo Jeong(MA)

Undergraduate Students: Eva Hyangjung Lee, Hyungwook Nam, Kyunghyun Lee, Grace Ahn, Hyunsoo Lim, Min-Seop Lee, Soo Kim, Heyoung Shim, Jaekyeong Jang, Jeongchan Yoon

PUBLICATIONS (selected)

1. *Books*

- **Jang, D.**, *Ultrasocial*, Seoul: Humanist , June, 2017 (in Korean)
- **Jang, D.**, *Darwin's Garden*, Seoul: Bada, Jan., 2017 (in Korean)
- **Jang, D.**, *Darwin's Table*, revised, Seoul: Bada, Nov., 2015 (in Korean)
- **Jang, D.**, *Darwin's Study*, Seoul: Bada, May, 2014 (in Korean)
- **Jang, D.**, *What Sciences have taught about Human Nature*, Seoul: Bada, Sep., 2013 (in Korean)
- Hong, S. and **Jang, D.**, *The Neuroscience crossing the boundaries*, Seoul: Bada, April, 2012 (in Korean)
- Hong, S. and **Jang, D.**, *Human in the Brain, Brain in Human*, Seoul: Bada, April, 2010 (in Korean)
- Shin, J., Kim, Y. S., and **Jang, D.**, *Religion Wars*, Seoul: Sciencebooks, June, 2009 (in Korean) → The Best Book of The Year (Joongang Daily Newspaper)
- **Jang, D.**, *Darwin's Table*, Seoul: Gimmyoung publishing company, Dec., 2008 (in Korean) → The Best Book of the Year (The Minister of Science and Technology)

- **Jang, D.**, *Different Dreams About Science: Popper vs. Kuhn*, Seoul: Gimmyoung publishing company, June, 2008 (in Korean)
- **Jang, D.** *Darwin's Finch and Paley's Watch*, Seoul: Gimmyoung publishing company, Nov., 2006 (in Korean)

2. *Translations*

- **Jang, D.**(Forthcoming), *On the Origin of Species (1st ed.)* by Charles R. Darwin(1859), John Murray.
- J. C. Choe & **Jang, D.**(2005), *Consilience: The Unity of Knowledge* by E.O. Wilson (1998), Knopf.
- S. Hwang & **Jang, D.**(2004) , *Chimpanzee Politics* by Frans de Waal (1998), Johns Hopkins University Press.
- **Jang, D.** & Chung J. E. (2003), *Extinction* by David Raup (1992), Norton.
- **Jang, D.**(2002), *Dawkins vs. Gould: Survival of the Fittest* by Kim Sterelny (2001), Icon Books.

3. *Papers in refereed academic journals*

- Shin, J.*, Suh, E. M., and **Jang, D.**(2018), Mate value at a glance: Facial attractiveness reveals women's waist-to-hip ratio and men's household income, *Personality and Individual Differences*, 135:128-130.
- **Jang, D.***, and Lee, M.-S.(2018), On the Moral Status of Disgust, *Philosophical Studies*, vol. 122: 51-84(in Korean).
- Shin, J.-E., and **Jang, D.***(2018), How does self-perceived wealth contribute to happiness? Increased preference for experiential purchase, *The Korean Journal of Social and Personality Psychology*, vol. 32(2): 47-66.(in Korean)
- Lee, M-S. & **Jang,D.***(2017), Human Uniqueness and the Limit of Gene-Culture Co-evolutionary Theory, *Korean Journal of Cognitive Science* 28(3):173-191.

- **Jang, D.**(2017), What Can Cultural Psychology Give to Twenty-First-Century Biology? , *East Asian Science, Technology and Society: An International Journal*, 11(3): 405-409
- Bae, J., Cha, Y.J., Lee, H., Lee, B., Baek, S., Choi, S., and **Jang, D.***(2017), Social networks and inference about unknown events: A case of the match between Google's AlphaGo and Sedol Lee., *PLoS ONE* 12(2): e0171472.doi:10.1371/journal.pone.0171472
- Jun, J., and **Jang, D.***(2017), Criticisms of the Perspective Pluralism of Trait-Group Selection Theory, *Korean Journal for the Philosophy of Science*, vol. 20(1): 1-33(in Korean)
- Jun, J., and **Jang, D.***(2015), A Controversy on Inclusive fitness theory and its semantic problems, *Korean Journal for the Philosophy of Science*, vol. 18(1): 103-128(in Korean)
- **Jang, D.**(2014), Latour meets Dennett: Actor-network Theory and Intentional System Theory, *Korean Journal for the Philosophy of Science*, vol. 17(2): 57-82(in Korean)
- Chun, J. N., Lim J. M., Kang, Y., Kim, E. H., Shin, Y.-C., Kim, H.-G., **Jang, D.**, Kwon, D., Shin, S.-Y., So, I., and Jeon, J.-H.(2014), A network perspective on unraveling the role of TRP channels in biology and disease, *Pflügers Archiv - European Journal of Physiology*, 466:173-182.(2014 Feb.)
- Lee, K-Y., and **Jang, D.***(2013), Ethical and Social Issues Behind Brain-Computer Interface, *PROC. OF 2013 IEEE INTERNATIONAL WINTER WORKSHOP ON BRAIN-COMPUTER INTERFACE*, PP.72 ~ 75, IEEE, 2013, 2013 - 04
- **Jang, D.**(2012), Why does Korean Protestantism want to be a science, *Criticisms in Religious Cultures*, vol. 19:101-136 (in Korean)
- **Jang, D.** (2012), *Homo replicus*: Imitation, Mirror Neurons, and Memes, *Korean Journal of Cognitive Science*, vol. 23. No. 4: 517-550 (in Korean)
- **Jang, D.** (2012), A Natural History of Pornography: Evolutionary and neuroscientific approaches, *The Journal of Criticism and Theory*, vol. 17. No.1: 261-281 (in Korean)
- **Jang, D.** (2011), Memes and Consilience : A new resolution for unity of knowledge debate in Korea, *Integrative Studies*, vol. 1. No.1: 129-146 (in Korean)

- **Jang, D.**(2009), Darwinian Humanities and Evolution of Humanities, *Studies in Humanities*, vol. 61: 3-47(in Korean)
- **Jang, D.**(2008), Is Religion a Spandrel: Religion, Cognition, and Evolution, *Criticisms in Religious Cultures*, vol. 14: 13-42(in Korean)
- **Jang, D.**(2008), Issues in Neuroethics, *Philosophy and Reality*, vol. 78: 137-151(in Korean)
- **Jang, D.**(2008), A Generalized Replicator theory, Genes, Memes, and Intentional Stance, *Korean Journal for the Philosophy of Science*, vol. 11(1): 1-33(in Korean)
- **Jang, D.** (2007), Dawkins Revisited: Replicator, Agent, and the Beneficiary, *Philosophical Thoughts*, vol. 25, pp.195-225. (in Korean)
- **Jang, D.** (2005), Evolution of Altruism and Levels of selection controversy: Is Multi-level selection theory better?, *Korean Journal for the Philosophy of Science*, vol. 8, pp.81-113. (in Korean)
- **Jang, D.**, and Choe, J.C.*(2004), How Innovations Come About?, *Philosophy and Reality*, vol.60(1): 75-98.(in Korean)
- **Jang, D.**(2003), Searching for the Truth of the Genes: From the Selfish Gene Theory to Developmental Systems Theory, *The ELSI Studies*, vol. 1(1): 61-83.(in Korean)

4. Conference presentations (international only)

- Baek, S., and **Jang, D***(2018). “Women with a competitive partner are cooperative with other fertile woman under male-threat context”, Human Behavior and Evolution Society 30th Annual meeting, Amsterdam, Netherlands, 2018.7.5
- Cha, Y.J., Baek, S., Lee, H., Lee, B., Ahn, G., and **Jang, D.*** (2017), “Self-Compartmentalization Matters: The Underlying Process of Social Creativity”, Society for Personality and Social Psychology 18th Annual Convention, San Antonio, USA., 21 Jan. 2017.
- **Jang, D.**(2015), “Evolution of Science Communication: From Curiosity to Meaning”, in 2015 International Symposium of Science Museums 2015, Daejeon, Korea, October 22~23, 2015

- **Jang, D.**(2013), “The Self and the Neuroscience of Morality,” in 2013 Neuroethics International Conference (Neuroethics in Context: East Meets West), Neuro-Humanities Research Group, Seoul, 11 Jan. 2013.
- Min-Seop Lee, Jeong Ryu, and **Dayk Jang***(2012), “How they pick out the answer in multiple choice questionnaire: independent-self vs. interdependent-self”, 34th Annual Cognitive Science Conference, August 1-4, 2012, Sapporo, Japan.
- **Jang, D.**(2012), “Humanities of Mirror Neurons“, BRC Int’l conference 2012 @Jeju in conjunction with the 5th BRC-UK joint symposium on neuroscience, 27~29, June, 2012, Jeju, 21st Century Frontier R&D program in neuroscience, Brain Research Center.
- **Jang, D.**(2010), "Taking Culture Seriously: Neuron and Neuroscience in the Context", The 10th Niennial meeting of the Asia-Pacific Society for Neurochemistry, 19 Oct 2010 Phuket, Taipei.
- **Jang, D.**(2010), "Neuroethics Meets Culture," 2010 society for social studies of science symposium, University of Tokyo, Japan, 26 Aug 2010.
- **Jang, D.**(2008), "Modular Stance: Bridging Evo-Devo and Evolutionary Psychology," International symposium for Philosophy of biology and philosophy of economics, National Chungching University, Taiwan
- **Jang, D.**(2008), “Modularism from an Evo-Devo Perspective,” International Society for the History, Philosophy, and Social Studies of Biology workshop, Kobe University, Japan, Nov. 5. 2008
- **Jang, D.**(2007), *History and Philosophy of Evo Devo*, presented at Ewha Womans University and Sokendai Joint Lecture Series in Korea, Oct. 6. 2007.
- **Jang, D.**(2004), *On Ruse’s “Darwinian Ethics”: How Evolutionary and Ethical?* Presented at The 6th Lectures of “A Special Lectures by Distinguished Scholars” (M. Ruse), Oct. 29, 2004.

5. *Media (selected)*

- MyeogKyenManri Lectures on Evolution of Works, via KBS1(Korea Broadcasting System1), 2014

- Humanities Lectures of Scientific Understanding of Human Nature), via EBS(Education Broadcasting System) , 2016
- *Nature* Interview on Text Book Revision by Creationists in Korea: <http://www.nature.com/news/south-korea-surrenders-to-creationist-demands-1.10773> (05 June 2012)
- *Science* Interview on Text Book Revision by Creationists in Korea: <http://news.sciencemag.org/scienceinsider/2012/07/south-korea-to-reconsider-plan.html> (06 July 2012)

RESEARCH GRANT (selected)

- Principle Investigator, “An Interdisciplinary Study on Changes in Human Identity through the Google Deepmind challenge match : Neurological, Psychological, Philosophical, and Social Network Approaches” supported for brain fusion research by Seoul National University (May. 2016~ Apr. 2017)
- Co-researcher, “Transdisciplinary Studies on Culture-Brain Dynamics”, Supported by Korea Research Foundation,(Aug. 2015 ~ Feb. 2017)
- Co-researcher, “Evolution of Artifacts”, supported for brain fusion research by Seoul National University (Nov. 2012 ~ Oct. 2013)
- Co-researcher, “Knowledge Integration and STS”, supported by Korea Foundation for the Advancement of Science and Creativity (Apr. 2011 ~ Mar. 2013)
- Principle Investigator, “A Memetic Approach to Cultural Evolution”, supported for the junior faculty by Seoul National University (Oct. 2010 ~ Sep. 2011)
- Co-researcher, “Neurohumanities in Korea”, supported by KOSEF (Apr. 2009 ~ Mar. 2012).
- Principal investigator, “Cultural Evolution”, supported by KRF (Sep. 2007~ Aug. 2010)
- Co-researcher, “Brain, I, and Society: Neuro-Science & Technology and Its Philosophical Issues”, supported by Korea Research Foundation (Jan. 2006 – Dec. 2006),
- Visiting Research Student, Language and Intelligence Section in Primate Research Institute at Kyoto University, Japan, (2 Nov. ~ 28 Nov. 2002), “Chimpanzee

Cognition and the Evolution of Human Mind” (advisor: Dr. T. Matsuzawa)

- Visiting Scholar (British Chevening Scholar), Center for Philosophy of Natural and Social Science (CPNSS) at London School of Economics and Politics, UK, (Apr. 2001 – Aug. 2001), “Toward a More Comprehensive Theory of Selection” (advisor: H. Cronin)

PROFESSIONAL ACTIVITIES (selected)

- President elect (Jan. 2019 ~ Dec. 2019), The Korean Society for Cognitive Science
- Secretary General (Jan. 2012 ~ Dec. 2012), The Korean Society for Cognitive Science
- Editorial board (2009 ~ present), Philosophy of Science, The Korean Society for Philosophy of Science.
- Advisory board (2012 ~ present), Korean Journal of Biological Psychiatry, Korean Society of Biological Psychiatry