

## VITA

Robrecht Parsival Reinhard Diederik van der Wel

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### POSITION AND ADDRESS

Associate Professor and Department Chair

Department of Psychology

Rutgers University, Camden Campus

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### EDUCATION AND EMPLOYMENT HISTORY

2016-current	Associate Professor of Psychology, Rutgers University, Camden, NJ, USA
2023-current	Affiliated Faculty Member of the Rutgers Center for Cognitive Science, RU-NB
2022-current	Affiliated Faculty Member of SOCRATES (Rutgers Robotics NRT), RU-NB
2013-current	Faculty member in the Center for Computational and Integrative Biology
2016-2022	Assistant (2016) and Associate (2017-2022) Professor of Kinesiology and Physical Education (status-only), University of Toronto, Canada
2011-2016	Assistant Professor of Psychology, Rutgers University, Camden NJ, USA
2009-2011	Postdoctoral researcher at the Donders Institute for Brain, Cognition, and Behaviour, Radboud University, Nijmegen, The Netherlands
2006-2009	Ph.D. in Cognitive Psychology, The Pennsylvania State University, USA Specialization in the Social, Cognitive, and Affective Neuroscience program
2004-2006	M.S. in Psychology, The Pennsylvania State University, USA
1999-2004	Drs. Degree in Psychology, University of Maastricht, The Netherlands

### AWARDS AND GRANTS

2025	Chancellor's Grant for Interdisciplinary Research Collaboration (\$15,000), co-PI with Sean Duffy and Benedetto Piccolo
2024	Chancellor's Award for Excellence in Teaching, Rutgers University - Camden
2024	Chancellor's Grant for Student Research (\$5,700), awarded to Amir Lindor
2023	Rutgers Center for Advanced Human Brain Imaging Research (\$35,000, with Pernille Hemmer (Rutgers – New Brunswick) and Soha Sahel (Rutgers – Newark)).
2023	Chancellor's Grant for Interdisciplinary Collaboration and Vice Chancellor's Fund for Research (\$15,000), co-PI with Sean Duffy and Cedric Bouquet
2022	Tel Aviv University - Rutgers University Research Collaboration Fund (\$30,000)
2018	Rutgers Digital Teaching Fellowship (\$1,000)
2015	Rutgers University Research Council Grant (\$2,400)
2009-2011	Postdoctoral Fellowship at the Donders Institute for Brain, Cognition, and Behavior
2009	Penn State Outstanding Publication by a Graduate Student Award

- 2004-2008 Penn State University Graduate Fellowship
- 2004-2006 Extramural: VSB Fonds Award for Study Abroad (10,000 euros)
- 2006 Penn State Children Youth and Family Consortium Level 2 Award for research (\$20,400)
- 2006 Extramural: Junior Scientist Travel Award for the 34<sup>th</sup> Carnegie Mellon Symposium, Pittsburgh, PA., US.
- 2005 Penn State Psychology Departmental Travel Award for Psychonomics, Toronto, ON., Canada
- 2005 Penn State Children Youth and Family Consortium Level 1 Award for summer research (\$4,600)
- 2002-2003 Extramural: Stichting Wetenschappelijk Onderzoek Limburg Award for Study Abroad (~\$7,500)

#### PUBLICATIONS (\* = equal contributions)

##### ***Journal articles and book chapters***

- Bouquet, C. A., Van Der Wel, R. P. R. D., Lafleur, M., & Duffy, S. (2025). Regulation of automatic imitation: Domain-specific versus domain-general control processes. *Journal of experimental psychology. Human perception and performance*, 51(1), 32–49. <https://doi.org/10.1037/xhp0001282>
- Noy, L., Hassin-Baer, S., Fay-Karmon, T., Kattouf, N., Israeli-Korn, S., van der Wel, R., & Friedman, J. (in press). Submovements in manual tracking: People with Parkinson's disease produce more submovements than age-matched controls. *Journal of NeuroEngineering and Rehabilitation*.
- van der Wel R. P. R. D., Huang, Z., & Mahdinia, F. (in press). Kinematic coding as a generative framework: Comment on "Kinematic coding: Measuring Information in Naturalistic Behaviour" by Becchio, Pullar, Scaliti, and Panzeri. *Physics of life reviews*.
- van der Wel, R. P. R. D., Prodanova, Y., Snyder, J., Welsh, T. N., & Böckler, A. (2024). Is emotion perception altered by gaze direction, gender appearance, and gender identity of the perceived face? *Emotion (Washington, D.C.)*, 10.1037/emo0001406. Advance online publication. <https://doi.org/10.1037/emo0001406>
- van der Wel, R.P.R.D.\*, & Witt, J.K.\* (2024). Perception, action, and social cognition. In Carlston, D.E., Johnson, K., and Hugenberg, K. (Eds.). *Oxford Handbook of Social Cognition*. Oxford Press.
- Mahdinia, F., Lindor, A., Hemmer, P., & van der Wel, R. (2024). Sense of Agency: Towards Empirically Driven Measures and Understanding. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. Retrieved from <https://escholarship.org/uc/item/0xq2x6fv>
- Noy, L., van der Wel, R., & Friedman, J. (2024). A slow limit: extensive motor training cannot overcome a limit on the production of slow and smooth motion. *Journal of neurophysiology*, 132(6), 1779–1792. <https://doi.org/10.1152/jn.00208.2024>
- Seubert, O., van der Wel, R., Reis, M., Pfister, R., & Schwarz, K. A. (2024). The one exception: The impact of statistical regularities on explicit sense of agency. *Journal of Experimental*

*Psychology: Human Perception and Performance*. Advance online publication.

<https://doi.org/10.1037/xhp0001243>

- van der Wel, R. (2023). Rich behavior, parsimony, and parameters: Comment on “Beyond simple laboratory studies: Developing sophisticated models to study rich behavior” by Maselli, Gordon, Eluchans, Lancia, Thiery, Moretti, Cizek, & Pezzulo. *Physics of Life Reviews*, 47, 184-185.
- van der Wel, R. P. R. D.\*, Pittig, R.\*, Welsh, T. N., & Böckler, A. (2023). What's in a gaze, what's in a face?: The direct gaze effect can be modulated by emotion expression. *Emotion*, 23(2), 400–411. <https://doi.org/10.1037/emo0001076>
- Breil, C., Raettig, T., Pittig, R., van der Wel, R., Welsh, T., & Böckler, A. (2022). Don't look at me like that: Integration of gaze direction and facial expression. *Journal of experimental psychology. Human perception and performance*, 48(10), 1083–1098. <https://doi.org/10.1037/xhp0001046>
- van der Wel, R., Becchio, C., Curioni, A., & Wolf, T. (2021). Understanding joint action: Current theoretical and empirical approaches. *Acta psychologica*, 215, 103285. <https://doi.org/10.1016/j.actpsy.2021.103285>
- Fritsche, M., van der Wel, R.P., Smit, R., Bloem, B.R., Toni, I., & Helmich, R.C. (2020). Impaired motor recycling during action selection in Parkinson's disease. *eNeuro*, 7(2), DOI: <https://doi.org/10.1523/ENEURO.0492-19.2020>
- van der Wel, R. P., Welsh, T., & Böckler, A. (2018). Talking heads or talking eyes? Effects of head orientation and sudden onset gaze cues on attention capture. *Attention, perception & psychophysics*, 80(1), 1–6. <https://doi.org/10.3758/s13414-017-1462-y>
- van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2016). A joint action perspective on embodiment. In Y. Coello and M. Fischer (Eds.). *Conceptual and Interactive Embodiment: Foundations of Embodied Cognition*. Psychology Press, 165-182.
- Meyer, M., van der Wel, R. P., & Hunnius, S. (2016). Planning my actions to accommodate yours: joint action development during early childhood. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*, 371(1693), 20150371. <https://doi.org/10.1098/rstb.2015.0371>
- Seegelke, C., Hughes, C. M., Wunsch, K., van der Wel, R., & Weigelt, M. (2015). Frames of reference in action plan recall: influence of hand and handedness. *Experimental brain research*, 233(10), 2801–2812. <https://doi.org/10.1007/s00221-015-4350-5>
- van der Wel, R. P., & Fu, E. (2015). Entrainment and task co-representation effects for discrete and continuous action sequences. *Psychonomic bulletin & review*, 22(6), 1685–1691. <https://doi.org/10.3758/s13423-015-0831-6>
- van der Wel R. P. (2015). Me and we: Metacognition and performance evaluation of joint actions. *Cognition*, 140, 49–59. <https://doi.org/10.1016/j.cognition.2015.03.011>
- Böckler, A., van der Wel, R. P., & Welsh, T. N. (2015). Eyes only? Perceiving eye contact is neither sufficient nor necessary for attentional capture by face direction. *Acta psychologica*, 160, 134–140. <https://doi.org/10.1016/j.actpsy.2015.07.009>

- van der Wel, R. P., Sebanz, N., & Knoblich, G. (2014). Do people automatically track others' beliefs? Evidence from a continuous measure. *Cognition*, 130(1), 128–133.  
<https://doi.org/10.1016/j.cognition.2013.10.004>
- Huhn\*, J. M., 3rd, Schimpf, K. A., & van der Wel\*, R. P. (2014). Symmetries in action: on the interactive nature of planning constraints for bimanual object manipulation. *Experimental brain research*, 232(12), 3919–3927. <https://doi.org/10.1007/s00221-014-4077-8>
- van der Wel, R.P.R.D. (2014). Matlab script published in Rosenbaum, D.A., Vaughan, J., & Wyble, B., *MATLAB for Behavioral Scientists (2<sup>nd</sup> Edition)*, New York, NY: Routledge / Taylor and Francis, pp. 280-283.
- Böckler, A., van der Wel, R. P., & Welsh, T. N. (2014). Catching eyes: effects of social and nonsocial cues on attention capture. *Psychological science*, 25(3), 720–727.  
<https://doi.org/10.1177/0956797613516147>
- Rosenbaum, D.A., Herbolt, O., van der Wel, R., & Weiss, D.J. (2014). What's in a grasp? *American Scientist*, 102(5), 366-373.
- van der Wel\*, R. P., Meyer\*, M., & Hunnius, S. (2013). Higher-order action planning for individual and joint object manipulations. *Experimental brain research*, 225(4), 579–588.  
<https://doi.org/10.1007/s00221-012-3398-8>
- van der Wel, R.P.R.D., & Knoblich, G. (2013). Cues to agency: Time can tell. In J. Metcalfe and H. Terrace (Eds.). *Agency and Joint Attention* (pp. 256-267). New York, NY: Oxford University Press.
- van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2013). Action perception from a common coding perspective. In K. Johnson and M. Shiffrar (Eds.). *People Watching: Social, Perceptual, and Neurophysiological Studies of Body Perception* (pp. 101-120). New York, NY: Oxford University Press.
- Vesper, C., van der Wel, R. P., Knoblich, G., & Sebanz, N. (2013). Are you ready to jump? Predictive mechanisms in interpersonal coordination. *Journal of experimental psychology. Human perception and performance*, 39(1), 48–61. <https://doi.org/10.1037/a0028066>
- van der Wel, R. P., Sebanz, N., & Knoblich, G. (2012). The sense of agency during skill learning in individuals and dyads. *Consciousness and cognition*, 21(3), 1267–1279.  
<https://doi.org/10.1016/j.concog.2012.04.001>
- Eskenazi, T., van der Wel, R.P.R.D., & Sebanz, N. (2012). Mechanisms for skilled joint action performance. In N. Hodges and A.M. Williams (Eds.). *Skill Acquisition in Sport: Research, Theory and Practice II* (pp. 229-246). New York, NY: Routledge.
- Rosenbaum, D. A., Chapman, K. M., Weigelt, M., Weiss, D. J., & van der Wel, R. (2012). Cognition, action, and object manipulation. *Psychological bulletin*, 138(5), 924–946.  
<https://doi.org/10.1037/a0027839>
- van der Wel, R. P., Knoblich, G., & Sebanz, N. (2011). Let the force be with us: dyads exploit haptic coupling for coordination. *Journal of experimental psychology. Human perception and performance*, 37(5), 1420–1431. <https://doi.org/10.1037/a0022337>

- Vesper, C., van der Wel, R. P., Knoblich, G., & Sebanz, N. (2011). Making oneself predictable: reduced temporal variability facilitates joint action coordination. *Experimental brain research*, 211(3-4), 517–530. <https://doi.org/10.1007/s00221-011-2706-z>
- van der Wel, R. P., & Rosenbaum, D. A. (2010). Bimanual grasp planning reflects changing rather than fixed constraint dominance. *Experimental brain research*, 205(3), 351–362. <https://doi.org/10.1007/s00221-010-2368-2>
- van der Wel, R. P., Sternad, D., & Rosenbaum, D. A. (2010). Moving the arm at different rates: slow movements are avoided. *Journal of motor behavior*, 42(1), 29–36. <https://doi.org/10.1080/00222890903267116>
- van der Wel, R. P., Eder, J. R., Mitchel, A. D., Walsh, M. M., & Rosenbaum, D. A. (2009). Trajectories emerging from discrete versus continuous processing models in phonological competitor tasks: a commentary on Spivey, Grosjean, and Knoblich (2005). *Journal of experimental psychology. Human perception and performance*, 35(2), 588–594. <https://doi.org/10.1037/0096-1523.35.2.588>
- Rosenbaum, D. A., Cohen, R. G., Dawson, A. M., Jax, S. A., Meulenbroek, R. G., van der Wel, R., & Vaughan, J. (2009). The posture-based motion planning framework: new findings related to object manipulation, moving around obstacles, moving in three spatial dimensions, and haptic tracking. *Advances in experimental medicine and biology*, 629, 485–497. [https://doi.org/10.1007/978-0-387-77064-2\\_26](https://doi.org/10.1007/978-0-387-77064-2_26)
- van der Wel, R. P., Fleckenstein, R. M., Jax, S. A., & Rosenbaum, D. A. (2007). Hand path priming in manual obstacle avoidance: evidence for abstract spatiotemporal forms in human motor control. *Journal of experimental psychology. Human perception and performance*, 33(5), 1117–1126. <https://doi.org/10.1037/0096-1523.33.5.1117>
- van der Wel, R. P., & Rosenbaum, D. A. (2007). Coordination of locomotion and prehension. *Experimental brain research*, 176(2), 281–287. <https://doi.org/10.1007/s00221-006-0618-0>
- van der Wel, R.P.R.D. (2007). Matlab script published in Rosenbaum, D.A., *MATLAB for Behavioral Scientists*, Mahwah, NJ: Lawrence Erlbaum Associates, pp. 213-216.
- Rosenbaum, D. A., Cohen, R. G., Jax, S. A., Weiss, D. J., & van der Wel, R. (2007). The problem of serial order in behavior: Lashley's legacy. *Human movement science*, 26(4), 525–554. <https://doi.org/10.1016/j.humov.2007.04.001>

#### TALKS.

- van der Wel, R.P.R.D. (2024). Action cognition in collaborative tasks. Talk presented for the Graduate Proseminar, Rutgers University, Camden, NJ., December 5.
- van der Wel, R.P.R.D. (2024). Action Cognition in collaborative tasks. Talk presented for Readings in Psychology, Rutgers University, New Brunswick, NJ., September 24.
- van der Wel, R.P.R.D. (2024). Mind the act: Studying (socio)-cognitive processes through physical actions. Talk presented at Moss Rehabilitation Institute, Philadelphia, PA, June 5.
- van der Wel, R.P.R.D. (2024). The sense of agency in (joint) action: An empirical perspective. Invited talk presented at the workshop “Sense of Agency: Theory, Measurement, and Applications in Human-Robot Interaction”, Italian Institute of Technology, Genoa, Italy, April 11.

- van der Wel, R.P.R.D. (2024). The sense of agency in action: A motor control perspective. Invited talk presented at the workshop “Sense of Agency: Theory, Measurement, and Applications in Human-Robot Interaction”, Italian Institute of Technology, Genoa, Italy, April 10.
- van der Wel, R.P.R.D. (2023). Exploring movement rate as a window into action cognition. Talk presented at Tel Aviv University, Israel, June 22.
- van der Wel, R.P.R.D. (2022). Exploring mental states through action kinematics. Talk presented for Readings in Psychology, Rutgers University, New Brunswick, NJ., October 20.
- van der Wel, R.P.R.D. (2022). What’s in gaze, what’s in a face? Emotion expression modulates direct gaze processing. Symposium talk presented as part of the symposium: “Windows into the mind: The Interplay of Affect and Cognition for Gaze and Face Processing”. European Society for Cognitive Psychology (ESCOP 2022), Lille, France, September 2.
- van der Wel, R.P.R.D. (2022). Action cognition in collaborative tasks. Talk presented for the Graduate Proseminar, Rutgers University, Camden, NJ., April 21.
- van der Wel, R.P.R.D. (2021). Exploiting action kinematics to inform socially cognizant robotics. Invited chalk-talk presented to the SOCRATES program, Rutgers University, New Brunswick, NJ., May 13.
- van der Wel, R.P.R.D. (2021). Joint action and agency. Invited talk presented to the Human Computational Cognition Laboratory, Rutgers University, New Brunswick, NJ., March 3.
- van der Wel, R.P.R.D. (2020). The best of 2020: Action kinematics still exist. Invited talk presented to the Lab for Cognition and Action, University of California Riverside, Riverside, CA., October 26.
- van der Wel, R.P.R.D. (2020). The best of 2020: Action kinematics still exist. Invited talk presented to the C’MON Unit, Italian Institute of Technology, Genoa, Italy, September 24.
- van der Wel, R.P.R.D. (2019). Acting jointly: Do “we” exist and when? Talk presented at the European Society for Cognitive Psychology (ESCOP 2019), Tenerife, Spain, September 26.
- van der Wel, R.P.R.D. (2019). Taking a hands-on example of experimental design to the online classroom. Talk presented at the 6<sup>th</sup> Annual eLearning conference, Camden, NJ., April 11.
- van der Wel, R.P.R.D. (2018). Social cognition through the lens of physical actions. Invited talk presented for the autism research group at Children’s Hospital of Philadelphia, Philadelphia, PA., June 28.
- van der Wel, R.P.R.D. (2018). Let’s act together, it’s Valentine’s Day. Invited talk presented for the Social Mind Center, Central European University, Budapest, Hungary, February 14.
- van der Wel, R.P.R.D. (2017). Experiencing joint action: Do “we” exist, and when? Talk presented Joint Action Meeting 7, London, United Kingdom, July 23.
- van der Wel, R.P.R.D. (2017). Understanding joint action; Theories and “wild” applications. Invited talk presented for the FAA William J. Hughes Technical Center, Atlantic City Airport, NJ., April 20.
- van der Wel, R.P.R.D. (2017). Social cognition through the lens of physical actions. Invited talk presented for the psychology department at Queens University, Belfast, Northern Ireland, April 6.
- Böckler, A., van der Wel, R., & Welsh, T. (2016, March). Catching eyes: Attention capture by sudden direct gaze and its modulation by eye visibility, head orientation and facial expression. In

- Funke, J., Rummel, J., & Voß, A. (Eds.). TeaP 2016 Hildesheim Abstracts, Lengerich (p. 33). Pabst Science Publishers.
- van der Wel, R.P.R.D. (2015). Social cognition through the lens of physical actions. Invited talk presented for the psychology department at Temple University, Philadelphia, PA., USA, November 30.
- van der Wel, R.P.R.D. (2015). Of mice and men: Using movement kinematics to study the mind. Invited talk presented for the Social Cognitive & Neural Sciences laboratory, New York University, New York, NY., USA, November 2.
- van der Wel, R.P.R.D. (2015). Social cognition through the lens of physical actions. Invited talk presented for the Social Mind Center, Central European University, Budapest, Hungary, May 7.
- van der Wel, R.P.R.D. (2015). Social cognition through the lens of physical actions. Invited talk presented for the Department of Psychology, The Pennsylvania State University, University Park, PA., USA, April 2.
- Seegelke, C., Hughes, C.M.L., Wunsch, K., van der Wel, R.P.R.D., & Weigelt, M. (2015). Posture vs. location recall: manual asymmetries in frames of reference? Talk presented at Tagung experimentell arbeitender Psychologen (TeaP), Hildesheim, Germany, March 10.
- van der Wel, R.P.R.D. (2014). Metacognition and performance evaluation for joint actions. Talk presented at the 55th annual meeting of the Psychonomic Society, Long Beach, CA., USA, November 22.
- van der Wel, R.P.R.D. (2014). Minds in action. Invited talk presented at Rutgers University, New Brunswick, NJ., USA, October 27.
- van der Wel, R.P.R.D. (2014). The effect of visual information and space on entrainment and task co-representation during discrete and continuous action sequences. Talk presented at SCAPPS, London, ON., Canada, October 12.
- van der Wel, R.P.R.D. (2013). Minds in action. Invited talk presented for the Faculty of Kinesiology and Physical Exercise, University of Toronto, Canada, November 18.
- van der Wel, R.P.R.D. (2013). Cognition in human action. Invited talk presented at Moss Rehabilitation Research Institute, Philadelphia, PA., USA, November 1.
- van der Wel, R.P.R.D. (2013). Do people automatically track others' beliefs? Talk presented at the Joint Action Meeting 5, Berlin, Germany, July 26.
- van der Wel, R.P.R.D. (2013). Minds in action. Invited talk presented for the Department of Psychology, Bucknell University, Lewisburg, PA., USA, April 18.
- Chapman, K.M., Mitchel, A.D., van der Wel, R., Weiss, D.J., Rosenbaum, D.A., & Smith, R.A. (2013). One good turn deserves another: A constraint hierarchy for action selection in bimanual rotation. Talk presented at New England Sequencing and Timing, Amherst, MA., USA, March 9.
- van der Wel, R.P.R.D. (2013). Action cognition in collaborative tasks. Invited talk presented for the Department of Psychology, University of Cincinnati, Cincinnati, OH., USA, March 8.
- van der Wel, R.P.R.D. (2012). Object manipulation in complex task settings. Talk presented at the 53th annual meeting of the Psychonomic Society, Minneapolis, MN., USA, November 17.
- van der Wel, R.P.R.D. (2012). On the physical and experiential nature of joint action coordination. Talk presented at the 84th annual meeting of the Midwestern Psychological Association, Chicago, IL., USA, May 3.

- van der Wel, R.P.R.D. (2012). Action cognition in collaborative tasks. Invited talk presented for the Department of Psychology, The Pennsylvania State University, University Park, PA., USA, March 15.
- Chapman, K.M., Mitchel, A.D., van der Wel, R.P., Weiss, D.J., & Rosenbaum, D.A. (2012). A constraint hierarchy approach to bimanual rotation. Talk presented at New England Sequencing and Timing, Amherst, MA., USA, March 10.
- van der Wel, R.P.R.D. (2011). Do people automatically track others' beliefs: Reconciling two accounts with a continuous measure. Invited Skype talk presented at DOPE, CEU Budapest, Hungary, December 2.
- van der Wel, R.P.R.D. (2011). May the force be with us: Haptic coupling, and the sense of agency during joint action. Talk presented at the Joint Action Meeting 4, Vienna, Austria, July 8
- van der Wel, R. (2011). Social challenges for cognitive science. Guest lecture given for the Department of Psychology, Ghent University, Belgium, March 25.
- Vesper, C., van der Wel, R., Knoblich, G., & Sebanz, N. (2011). Flying Dutchmen: Temporal predictions for coordinating with others. Talk presented at the European Society of the Cognitive Sciences (EuroCogSci), Sofia, Bulgaria, March 22.
- Vesper, C., van der Wel, R., Knoblich, G., & Sebanz, N. (2011). Flying Dutchmen: Temporal predictions for coordinating with others. *Tagung experimentell arbeitender Psychologen (TeaP)*, Halle, Germany, March 14.
- van der Wel, R.P.R.D. (2011). Minds on the move. Invited talk presented for the Department of Psychology, Rutgers University, Camden, NJ., USA, February 28.
- van der Wel, R.P.R.D. (2010). Let the force be with us: Dyads exploit haptic coupling for coordination. Invited talk presented at IEEE-Roman, Viareggio, Italy, September 12.
- van der Wel, R.P.R.D. (2010). Joint coordination for physically coupled actions. Talk presented at Radboud University Nijmegen, The Netherlands, March 8.
- van der Wel, R.P.R.D. (2009). The flexible use of reference frames in human bimanual object manipulation. Talk presented at a mini-symposium on Bimanual Object Manipulation, Radboud University Nijmegen, The Netherlands, April 16.
- van der Wel, R.P.R.D. (2008). We'll cross that bridge when we come to it: Cognition in human action planning. Invited talk presented at the Max Planck Institute for Human Cognition and Brain Sciences, Leipzig, Germany, May 26.
- van der Wel, R.P.R.D. (2008). Representation in action: Insights from sequential and bimanual tasks. Talk presented at the Fourth International Workshop on Posture-Based Motion Planning, Hamilton College, NY, USA, May 5.
- van der Wel, R.P.R.D. (2007). Resistance to slow motion: Strategies for moving near preferred speeds. Talk presented at the Third International Workshop on Posture-Based Motion Planning, University Park, PA., USA, June 11.
- van der Wel, R.P.R.D. (2007). Hand path priming. Talk presented at the Third International Workshop on Posture-Based Motion Planning, University Park, PA., USA, June 11.
- Rosenbaum, D.A., Cohen, R., Jax, S.A., Weiss, D., & van der Wel, R.P.R.D. (2007). The problem of serial order in behavior: Lashley's legacy. Talk presented at the European Workshop On Movement Science, Amsterdam, The Netherlands, May 31-June 2.



- van der Wel, R.P.R.D., Fleckenstein, R. M., Jax, S. A., & Rosenbaum, D.A. (2005). Sequential effects in obstacle avoidance. Talk presented at the Second International Workshop on Posture-Based Motion Planning, University Park, PA, USA, April 4-6.
- Biddle, J. Cohen, R.G., Fleckenstein, R.M., Jax, S.A., van der Wel, R.P.R.D., & Rosenbaum, D.A. (2005). Reaching around obstacles. Talk presented at NEST 15, New Haven, CT., USA, March 5.
- van der Wel, R.P.R.D. (2004). The coordination of locomotion and prehension. Talk presented at the Motor Control Meeting at the University of Maastricht, Maastricht, The Netherlands, February 15.
- van der Wel, R.P.R.D., Barnes, J., Loftus, C., & Rosenbaum, D.A. (2003). Walking and reaching. Talk presented at the International Workshop on Posture-Based Motion Planning, University Park, PA, USA, March 8.

### POSTER PRESENTATIONS AND CONFERENCE PROCEEDINGS

- Mahdinia, F. Lindor, A., Hemmer, P., & van der Wel, R.P.R.D. (2024). Does temporal binding reflect Sense of Agency (SoA) or memory processes? Insights from implicit and explicit measures in a goal-directed action paradigm. Poster presented at the 65<sup>th</sup> meeting of the Psychonomic Society, New York, NY, USA, November 21.
- Mahdinia, F. Lindor, A., Hemmer, P., & van der Wel, R.P.R.D. (2024). Sense of agency: Towards empirically driven measures and understanding. Poster presented at the 2024 Annual Meeting of the Cognitive Science Society, Rotterdam, the Netherlands, July 26.
- van der Wel, R.P.R.D., Boeckler-Raettig, A., & Welsh, T.N. (2023). When the mailbox starts staring you down: Face processing effects for pareidolia faces. Poster presented at the 64<sup>nd</sup> meeting of the Psychonomic Society, November 18.
- van der Wel, R.P.R.D., Pittig, R., Boeckler-Raettig, A., & Welsh, T.N. (2021). Don't look back (at me) in anger: Emotion expression modulates the direct gaze effect. Poster presented at the 62<sup>nd</sup> meeting of the Psychonomic Society, November 5.
- van der Wel, R.P.R.D., Boeckler-Raettig, A., Breil, C., & Welsh, T.N. (2021). What's in gaze, what's in a face? Emotion expression modulates direct gaze processing. Poster presented at Vision Sciences Society, St. Pete's Beach, FL., May 16.
- Waer, M., & van der Wel, R.P. (2019). The Impact of Social Media on Information Processing: Is Caring Sharing? Poster presented at the 31<sup>th</sup> Annual Convention of the Association for Psychological Science, Washington, DC., May 21.
- Waer, M., & van der Wel, R.P. (2018). The Impact of Social Media on Information Processing: Is Caring Sharing? Poster presented at the 58th Annual Meeting of the Psychonomic Society, New Orleans, LA., November 17.
- Titus, A., & van der Wel, R.P.R.D. (2016). The effects of unimodal bilingualism on reducing prejudicial tendencies. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Boston, MA., November 14.
- van der Wel, R.P.R.D. (2015). Me and We: Metacognition and performance evaluation of joint actions. Poster presented at the 27<sup>th</sup> Annual Convention of the Association for Psychological Science, New York, NY., May 22.
- Meyer, M., van der Wel, R.P.R.D., & Hunnius, S. (2015). Adjusting my actions to you: Joint action development during early childhood. Poster presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA., March 20.

- Fu, E., & van der Wel, R.P.R.D. (2014). Motor contagion and co-representation in a sequential action paradigm. Poster presented at the 26<sup>th</sup> Annual Convention of the Association for Psychological Science, San Francisco, CA., May 22.
- Huhn, J., Schimpf, K.A., & van der Wel, R.P.R.D. (2013). Bimanual object manipulation is driven by object symmetry. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Toronto, Canada, November 16.
- Meyer, M., van der Wel, R.P.R.D., & Hunnius, S. (2013). Planning ahead for me and you? Higher-order action planning for individuals and joint object manipulations. Poster presented at the Joint Action Meeting 5, Berlin, Germany, July 29.
- Welsh, T., Böckler, A., & van der Wel, R. (2012). Here's looking at you, kid: Attentional capture by the abrupt onset of direct eye gaze. Poster presented at the Vision Sciences Society, Naples, FL., May 12.
- Vesper, C., van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2011). Making oneself predictable: Reduced temporal variability facilitates joint action coordination. Poster presented at the Cognitive Science Society meeting, Boston, MA., USA, July 20-23.
- Vesper, C., van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2011). Flying Dutchmen: Temporal predictions for coordinating with others. Poster presented at the Joint Action Meeting 4, Vienna, Austria, July 8.
- Vesper, C., van der Wel, R., Knoblich, G., & Sebanz, N. (2011). Flying Dutchmen: Temporal predictions for coordinating with others. Symposium on the Social Brain, Brussels, Belgium, November 14.
- van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2010). Let the force be with us: Dyads exploit haptic coupling for coordination. Poster presented at the 51th Annual Meeting of the Psychonomic Society, Saint Louis, MO., USA, November 19.
- Zimmermann, M., Meulenbroek, R.G.J., van der Wel, R.P.R.D., & de Lange, F.P. (2010). Posture modulates activity in posterior parietal cortex during imagined grasping: an fMRI study. Poster presented at Human Brain Mapping, Barcelona, Spain, June 7.
- van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2009). When we act with others: On the content of task co-representations. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA., USA, November 19-22.
- van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2009). How specific is action co-representation? Poster presented at the European Society for Cognitive Psychology, Krakow, Poland, September 2-5.
- van der Wel, R.P.R.D., Sebanz, N., & Knoblich, G. (2009). The specificity of action co-representation. Poster presented at the third Joint Action Meeting, Amsterdam, The Netherlands, July 27-29.
- van der Wel, R.P.R.D., & Rosenbaum, D.A. (2008). What do congruency effects in bimanual grasping tell us about action representations? Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL., USA, November 13-16.
- van der Wel, R.P.R.D., & Rosenbaum, D.A. (2007). Filling or killing time: Strategies for moving near preferred speeds. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA., USA, November 15-18.

- van der Wel, R.P.R.D., & Rosenbaum, D.A. (2006). Persistence of spatio-temporal forms in a sequential reaching task. Poster presented at the Annual Meeting of the Society for Neuroscience, Atlanta, GA., USA, October 14-19.
- van der Wel, R.P.R.D., Fleckenstein, R.M., Jax, S.A., & Rosenbaum, D.A. (2005). Sequential effects in obstacle avoidance. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, ON., Canada, November 10-13.
- van der Wel, R.P.R.D., Fleckenstein, R.M., Jax, S.A., & Rosenbaum, D.A. (2005). Sequential effects in obstacle avoidance. Poster presented at Progress in Motor Control V, University Park, PA., USA, August 17-20.

### PUBLIC PRESS

- Rutgers-Camden (2024, August 9). The Olympics: Where the world celebrates, competes, and coordinates. <https://stories.camden.rutgers.edu/the-olympics-where-the-world-celebrates-competes-and-coordinates/index.html>
- De Volkskrant (2024, May 13). Boycotten van Israëlische universiteiten, was het maar zo simpel (English translation: Boycotting of Israeli Universities; if only it were that straightforward). Reprinted in Nederlands Dagblad (2024, May 14).
- Association of College Unions International (ACUI) Bulletin (August, 2022). A Third Home: Communities Gravitate to Space for Learning, Engagement, and Honest Conversation.
- Rutgers University (2014, February 6). Researcher explains mechanisms of skilled joint actions through the Olympic games. *Rutgers-Camden News*.
- University of Toronto (2014, February 5). Sudden eye contact: What it really means. *Huffington Post Canada* ([http://www.huffingtonpost.ca/university-of-toronto-news/sudden-eye-contact-what-i\\_b\\_4725713.html](http://www.huffingtonpost.ca/university-of-toronto-news/sudden-eye-contact-what-i_b_4725713.html)).
- University of Toronto (2014, February 3). The science of eye contact. *University of Toronto* (<http://www.physical.utoronto.ca/News/2014/02/03/the-science-of-eye-contact>).
- Leipziger Internet Zeitung (2014, January 10). Ein Leipziger Labortest zum Thema Blickkontakt: Schau mir in die Augen – und zwar plötzlich! *Leipziger Internet Zeitung* (<http://www.l-iz.de/Bildung/Forschung/2014/01/Ein-Leipziger-Labortest-zum-Thema-Blickkontakt-53130.html>).
- Rutgers University (2013, June 26). Social capabilities of performing multiple-action sequences. *ScienceDaily* (<http://www.sciencedaily.com/releases/2013/06/130626143116.htm>).
- Courier Post (2012, February 12). Noisy home? Here's how to tone things down.

### TEACHING EXPERIENCES

*At Rutgers University, USA*

*(earlier experiences at Radboud, Penn State, and Maastricht have been removed)*

Average ratings on item 9 ("I rate the teaching effectiveness of the instructor as", on a scale from 1-5):

Rating	Course	Term
5.00 (N = 18)	Experimental Psychology Laboratory	Fall 2024
5.00 (N = 18)	Experimental Psychology	Fall 2024
4.75 (N = 16)	Psychology of Human Action (online)	Winter 2024
4.82 (N = 23)	Experimental Psychology Laboratory	Fall 2023

4.78 (N = 22)	Experimental Psychology	Fall 2023
5.00 (N = 3)	Statistics for the social sciences (online)	Summer 2023
4.78 (N = 9)	Psychological Life in BE and NL (abroad)	Spring 2023
4.75 (N = 4)	Psychology of Human Action (online)	Winter 2023
4.75 (N = 4)	Statistics for the social sciences	Fall 2022
4.56 (N = 9)	Statistics for the social sciences (online)	Summer 2022
4.75 (N = 4)	Cognitive Processes	Summer 2022
	Sabbatical	Spring 2022
5.00 (N = 7)	Psychology of Human Action (online)	Winter 2022
4.90 (N = 32)	Experimental Psychology Laboratory	Fall 2021
4.90 (N = 31)	Experimental Psychology	Fall 2021
4.70 (N = 20)	Experimental Psychology Laboratory	Spring 2021
4.70 (N = 21)	Experimental Psychology	Spring 2021
4.75 (N = 4)	Psychology of Human Action (online)	Winter 2021
4.50 (N = 40)	Cognitive Processes	Fall 2020
4.00 (N = 7)	Psychology of Human Action (online)	Summer 2020
4.67 (N = 12)	Statistics for the social sciences (online)	Summer 2020
4.94 (N = 25)	Experimental Psychology Laboratory	Spring 2020
4.90 (N = 29)	Experimental Psychology	Spring 2020
4.50 (N = 9)	Statistics for the social sciences	Summer 2019
4.97 (N = 42)	Experimental Psychology Laboratory	Spring 2019
4.92 (N = 42)	Experimental Psychology	Spring 2019
4.86 (N = 6)	Psychology of Human Action (online)	Winter 2019
4.80 (N = 33)	Cognitive Processes	Fall 2018
4.60 (N = 9)	Statistics for the social sciences	Summer 2018
4.77 (N = 14)	Graduate Statistics	Spring 2018
4.89 (N = 47)	Experimental Psychology Laboratory	Spring 2018
4.97 (N = 47)	Experimental Psychology	Spring 2018
5.00 (N = 7)	Psychology of Human Action	Winter 2018
4.92 (N = 13)	Cognitive Processes	Fall 2017
4.87 (N = 47)	Statistics for the social sciences	Fall 2017
5.00 (N = 8)	Statistics for the social sciences	Summer 2017
5.00 (N = 7)	Cognitive Processes	Summer 2017
4.81 (N = 23)	Experimental Psychology Laboratory	Spring 2017
4.81 (N = 53)	Experimental Psychology	Spring 2017
5.00 (N = 8)	Psychology of Human Action	Winter 2017
4.96 (N = 35)	Cognitive Processes	Fall 2016
5.00 (N = 7)	Statistics for the social sciences	Summer 2016
4.80 (N = 12)	Cognitive Processes	Summer 2016
4.58 (N = 53)	Experimental Psychology Laboratory	Spring 2016
4.48 (N = 53)	Experimental Psychology	Spring 2016
4.76 (N = 19)	Graduate Cognitive Psychology	Fall 2015
4.71 (N = 62)	Statistics for the social sciences	Fall 2015
5.00 (N = 10)	Statistics for the social sciences	Summer 2015
5.00 (N = 10)	Cognitive Processes	Summer 2015
	Sabbatical	Spring 2015
5.00 (N = 7)	Psychology of Human Action	Winter 2015
4.81 (N = 54)	Experimental Psychology Laboratory	Fall 2014
4.66 (N = 54)	Experimental Psychology	Fall 2014
4.83 (N = 8)	Cognitive Processes	Summer 2014
4.92 (N = 42)	Experimental Psychology Laboratory	Spring 2014
4.78 (N = 42)	Experimental Psychology	Spring 2014
5.00 (N = 7)	Psychology of Human Action	Winter 2014
	Teaching release	Fall 2013
4.57 (N = 10)	Cognitive Processes	Summer 2013

4.89 (N = 37)	Experimental Psychology Laboratory	Spring 2013
4.77 (N = 37)	Experimental Psychology	Spring 2013
4.82 (N = 11)	Psychology of Human Action	Winter 2013
4.68 (N = 40)	Cognitive Processes	Fall 2012
4.40 (N = 12)	Cognitive Processes	Summer 2012
4.65 (N = 46)	Experimental Psychology Laboratory	Spring 2012
4.69 (N = 46)	Experimental Psychology	Spring 2012
4.57 (N = 17)	Cognitive Processes	Fall 2011

During Spring 2019, I also taught an unrated Applied Statistics weekly seminar to researchers at the Walter Rand Institute, Rutgers-Camden.

### STUDENT SUPERVISION

#### *At Rutgers University, USA:*

2011-current      Supervision of 1 Ph.D. and 6 Master students  
Supervision of 72 independent-study students  
Cosupervision of 2 Ph.D. students

#### *At Radboud University Nijmegen, The Netherlands:*

2009-11          Cosupervision of 1 Ph.D. student  
Supervision of 1 Master Thesis in Cognitive Psychology  
Supervision of 8 Bachelor Theses in Cognitive Psychology  
Supervision of 1 Bachelor Thesis in Artificial Intelligence

### DEPARTMENTAL AND UNIVERSITY SERVICE

Department Chair in Psychology (2022-current)  
Associate Department Chair in Psychology (2020-2022)  
Member of the Institutional Review Board (2017-2022, 2023-current)  
Coordinator of the Psychology Subject Pool (2011-2022)  
Member of the Research and Funding Committee (2019-2022)  
Member of the Appointments and Promotions Committee (2017-2020)  
Undergraduate Director of Psychology (Spring 2018- January 2021)  
Member of the Psychology Departmental Committee (2016-2019)  
Member of the Scholastic Standing Committee (2015-2017)  
Member of the search committee in Psychology (Fall 2017)  
Member of the search committee for a senior marketing advisor for the campus (2017)  
Interim Department Chair in Psychology (July 2016 – January 2017)  
Chair of the search committee for two positions in Psychology (Fall 2016- Spring 2017)  
General Education subcommittee for the Sciences (2013-2016)  
Member of the Psychology Undergraduate Committee (2014-2016)  
Member of the University Faculty Senate at Rutgers Camden (2012-2013)  
Master degree advisor for Ashlyn O'Halloran (2023), Jason Snyder (2023), Melissa Waer (2019), Dillon Miller (2017), Alex Titus (2017), and Theodore Oing (2016)  
Ph.D. qualifying exam committee member for Laura Saad (Rutgers New Brunswick, 2023)

Master Committee member for Joseph Johnson, Kate Wisniewski (2023), Kevin Byrnes, Nicole Ferris, Sam Kaslon, Kory Otero (2018), Madeliene Alger, Vaani Pardal, Gale Thoman (2017), Brianna Soreth (2016), Arturo Caldero, Douglas Zacher (2015), En Fu, Phillipe Loatman, and Suyeon Noh (2014)

Master Committee external reviewer for Anna McPhee (University of Toronto)

Ph.D. Co-advisor and committee member for Ashley Blanchard (Rutgers Newark, 2014)

Ph.D External reviewer for Laura Saad (Rutgers – New Brunswick (2023), Zeynep Barlas (Wilfried Laurier University, 2016), Emma Yoxon (University of Toronto, current), Laura Schmitz (Central European University, 2018), Matti Vuorre (Columbia University, 2018)

### REVIEWING

Associate Editor for *Acta Psychologica* (2016 - current), *Journal of Experimental Psychology: Human Perception and Performance* (January 2023-current), and *Frontiers in Cognition* (2014-2018)

Ad hoc reviewer for: *Acta Psychologica*, *American Journal of Psychology*, *Animal Behaviour*, *Animal Cognition*, *Behavioural Brain Research*, *Biological Psychology*, *Brain and Cognition*, *Child Development*, *Cognition*, *Cognitive Science*, *Developmental Psychobiology*, *Ecological Psychology*, *European Journal of Cognitive Psychology*, *Experimental Brain Research*, *Experimental Psychology*, *Human Movement Science*, *International Journal of Social Robotics*, *Journal of Cognitive Psychology*, *Journal of Experimental Child Psychology*, *Journal of Experimental Psychology: General*, *Journal of Experimental Psychology: Human Perception and Performance*, *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *Journal of Mathematical Psychology*, *Journal of Motor Behavior*, *Journal of Motor Learning and Development*, *Journal of Nonverbal Behavior*, *Journal of Psychiatric Research*, *Journals of the Royal Society*, *Laterality*, *Mind and Language*, *Motor Control*, *Nature Human Behaviour*, *Perception*, *Phenomenology and the Cognitive Sciences*, *PLoS Computational Biology*, *PLoS ONE*, *Psychological Research*, *Psychonomic Bulletin & Review*, *Psychological Science*, *Review of Philosophy and Psychology*, *Self and Identity*, *Trends in Cognitive Science*

Grant reviewer for *The Einstein Society*, *The Leakey Foundation*, *National Science Foundation (Perception, Action, & Cognition)*, *Romanian Ministry of Research, Innovation and Digitization*

Conference Reviews for the *Cognitive Science Society meeting* (2013, 2014, 2017, 2018, 2019, 2021, 2022, 2023, 2024), *IEEE World Haptics Conference* (2013, 2015, 2017), *IEEE Virtual Reality Conference* (2019), *Eurohaptics* (2018), *Natural Sciences and Engineering Research Council of Canada (NSERC)*, (2020)

Program reviewer for the Psychology Department (2023) and Sociology Department (2024) at Atlantic Cape Community College

## MEMBERSHIPS

Fellow of the Psychonomics Society (current)  
Member of the International Society for Motor Control (current)  
Member of the Vision Sciences Society (current)  
Member of the Association for Psychological Science (former)  
Member of the Canadian Society for Psychomotor Learning and Sport Psychology (former)  
Member of the Cognitive Neuroscience Society (former)  
Member of the Midwestern Psychological Association (former)

## MISCELLANEOUS ACTIVITIES

Member of the Psychology Department Advisory Board and the Social Sciences Advisory Board at Atlantic Cape Community College (2023-current)

Boys' Youth Soccer Head Coach at Palmyra-Riverton Soccer Club (2018-2024)

Symposium Organizer for "Windows into the mind: The Interplay of Affect and Cognition for Gaze and Face Processing". European Society for Cognitive Psychology (ESCOP 2022), Lille, France, September 2.

Primary organizer for hosting Hostile Terrain 94 at Rutgers University – Camden (Spring 2022)  
<https://www.undocumentedmigrationproject.org/hostileterrain94>

Editor of a Special Issue in Current Issues on Joint Action Research at Acta Psychologica (2020)

## REFERENCES

Pernille Hemmer, Ph.D.  
Rutgers University  
United States of America

Natalie Sebanz, Ph.D.  
Central European University  
Hungary

David A. Rosenbaum, Ph.D.  
University of California Riverside  
United States of America

Timothy Welsh, Ph.D.  
University of Toronto  
Canada