
Dr. Amrisha Vaish
Assistant Professor
Department of Psychology
University of Virginia
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CAREER & EDUCATION

- Since 2014** **Assistant Professor**
Department of Psychology, University of Virginia
- Director**
Early Social Development Lab, University of Virginia
- 2012-2014** **Dilthey postdoctoral fellow**
Max Planck Institute for Evolutionary Anthropology, Leipzig
- 2010-2012** **Postdoctoral researcher**
Max Planck Institute for Evolutionary Anthropology, Leipzig
Director: Michael Tomasello
- 2010** **Ph.D. in Psychology (summa cum laude)**
Max Planck Institute for Evolutionary Anthropology, Leipzig, and Free University Berlin
Advisor: Michael Tomasello
- 2006** **M.A. in Psychology**
University of Chicago, Chicago, IL
Advisor: Amanda Woodward
- 2002** **B.A. in Psychology (High Distinction) and English**
University of Virginia, Charlottesville, VA
Advisor for Honors' thesis in Psychology: Angeline Lillard

GRANTS & FELLOWSHIPS

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|------------------|---|-----------|
| 2016-2019 | Grant awarded by the Sir John Templeton Foundation on <i>The development of forgiveness</i> (Role: PI) | \$195,183 |
| 2017 | Grant for Small Group Meeting awarded by the European Association of Social Psychology (Role: Co-organizer) | \$8,800 |
| 2016-2017 | U.VA CHARGE Enhancement Grant | \$4,950 |
| 2012-2014 | Dilthey postdoctoral fellowship awarded by the Volkswagen and the Fritz Thyssen Foundations (awarded for 2012-2017) | \$587,000 |

RESEARCH HONORS & AWARDS

- 2018** Fellow, Association for Psychological Science

- 2018** Janet Taylor Spence Award for Transformative Early Career Contributions, Association for Psychological Science
- 2018** Scholar-in-residence (scheduled for Sept. 2018-Dec. 2018) Society for Research in Child Development, Washington, D.C.
- 2015** Designated “Rising Star,” Association for Psychological Science
- 2015** LIFE Academy Faculty Fellow
- 2013** Visiting scholar, Israel Institute for Advanced Studies, The Hebrew University of Jerusalem
- 2012** Division 7 Dissertation Award, American Psychological Association
- 2011** Outstanding Doctoral Dissertation Award, Society for Research in Child Development
- 2011** Early Career Travel Award, Society for Research in Child Development
- 2009** Student Travel Award, Society for Research in Child Development
- 2008** Postgraduate Bursary, British Psychological Society
- 2008** Graduate Student Award, International Conference on Infant Studies
- 2006** Research Award, University of Chicago Psychology Graduate Student Organization

TEACHING AWARD AND RECOGNITION

- 2018** Nominated by University of Virginia for the State Council for Higher Education of Virginia Outstanding Faculty Award
- 2017** Mead Honored Faculty Award (awarded by University of Virginia’s Mead Foundation to outstanding faculty)
- 2017** Nominated by University of Virginia for the State Council for Higher Education of Virginia Outstanding Faculty Award

RESEARCH SUPPORT AS FACULTY SPONSOR/SUPERVISOR (University of Virginia)

- 2018** Udeyvir Cheema (undergraduate) - Fall Semester Scholars Award (awarded by the College Council)
- N. Meltem Yucel (Ph.D. student) and Mitchell M. Fratus (undergraduate) - Double Hoo Research Renewal Grant (awarded by Center for Undergraduate Excellence)
- Sarah Thomas (undergraduate) - Harrison Undergraduate Research Award (awarded by Center for Undergraduate Excellence)
- Christina Marlow (undergraduate) - Harrison Undergraduate Research Award (awarded by Center for Undergraduate Excellence)
- 2017** N. Meltem Yucel (Ph.D. student) and Mitchell M. Fratus (undergraduate) - Double Hoo Research Grant (awarded by Center for Undergraduate Excellence)

PUBLICATIONS

* Signifies student or postdoc author

Peer-reviewed journal articles

In press

[47] *Oostenbroek, J., & **Vaish, A.** (in press). The emergence of forgiveness in young children. *Child Development*. doi: 10.1111/cdev.13069

[46] *Yucel, N. M. & **Vaish, A.** (in press). Young children tattle to enforce moral norms. *Social Development*.

[45] *Kelsey, C. M., **Vaish, A.**, & Grossmann, T. (in press). Eyes, more than other facial features, enhance real-world donation behavior. *Human Nature*.

[44] Hepach, R., **Vaish, A.**, *Müller, K., & Tomasello, M. (in press). The relation between young children's physiological arousal and their motivation to help others. *Neuropsychologia*.

2014-2018

[43] **Vaish, A.**, Hepach, R., & Grossmann, T. (2018). Desire understanding in 2-year-old children: An eye-tracking study. *Infant Behavior and Development*, 52, 22-31. doi: 10.1016/j.infbeh.2018.05.002

[42] *Kelsey, C. M., Grossmann, T., & **Vaish, A.** (2018). Early reputation management: Three-year-old children are more generous following exposure to eyes. *Frontiers in Psychology*, 9: 698. doi: 10.3389/fpsyg.2018.00698

[41] **Vaish, A.**, Hepach, R., & Tomasello, M. (2018). The specificity of reciprocity: Young children reciprocate more generously to those who *intentionally* benefit them. *Journal of Experimental Child Psychology*, 167, 336-353. doi: 10.1016/j.jecp.2017.11.005

[40] **Vaish, A.** (2018). The prosocial functions of early social emotions: The case of guilt. *Current Opinion in Psychology*, 20, 25-29. doi: 10.1016/j.copsyc.2017.08.008

[39] **Vaish, A.**, *Kelsey, C., *Tripathi, A., & Grossmann, T. (2017). Attentiveness to eyes predicts generosity in a reputation-relevant context. *Evolution and Human Behavior*, 38, 729-733. doi: 10.1016/j.evolhumbehav.2017.07.004

[38] Hepach, R., **Vaish, A.**, & Tomasello, M. (2017). Children's intrinsic motivation to provide help themselves after accidentally harming others. *Child Development*, 88, 1251-1264.

[37] Hepach, R., **Vaish, A.**, & Tomasello, M. (2017). The fulfillment of others' needs elevates children's body posture. *Developmental Psychology*, 53, 100-113.

[36] **Vaish, A.**, Carpenter, M., & Tomasello, M. (2016). The early emergence of guilt-motivated prosocial behavior. *Child Development*, 87, 1772-1782.

- [35] **Vaish, A.** (2016). Flexible concern: The development of multi-determined and context-dependent empathic responding. *Child Development Perspectives*, *10*, 149-154. doi:10.1111/cdep.12178
- [34] **Vaish, A.**, Herrmann, E., *Markmann, C., & Tomasello, M. (2016). Preschoolers value those who sanction non-cooperators. *Cognition*, *153*, 43-51.
- [33] Hepach, R., **Vaish, A.**, Grossmann, T., & Tomasello, M. (2016). Young children want to see others get the help they need. *Child Development*, *87*, 1703-1714.
- [32] Davidov, M., **Vaish, A.**, Knafo-Noam, A., & Hastings, Paul D. (2016). The motivational foundations of prosocial behavior from a developmental perspective – Evolutionary roots and key psychological mechanisms: Introduction to the special section. *Child Development*, *87*, 1655-1667.
- [31] Over, H., **Vaish, A.**, & Tomasello, M. (2016). Do young children accept responsibility for the negative actions of ingroup members? *Cognitive Development*, *40*, 24-32.
- [30] *Rajhans, P., Altvater-Mackensen, N., **Vaish, A.**, & Grossmann, T. (2016). Children's altruistic behavior in context: The role of emotional responsiveness and culture. *Scientific Reports*, *6*: 24089. doi:10.1038/srep24089
- [29] **Vaish, A.**, Grossmann, T., & Woodward, A. (2015). Person-centered positive emotions, object-centered negative emotions: Two-year-olds generalize negative but not positive emotions across individuals. *British Journal of Developmental Psychology*, *33*, 391-397.
- [28] Hepach, R., **Vaish, A.**, & Tomasello, M. (2015). Novel paradigms to measure variability of behavior in early childhood: Posture, gaze, and pupil dilation. *Frontiers in Psychology*, *6*: 858. doi: 10.3389/fpsyg.2015.00858
- [27] Jensen, K., **Vaish, A.**, & Schmidt, M. F. H. (2014). The emergence of human prosociality: Aligning with others through feelings, concerns, and norms. *Frontiers in Psychology*, *5*: 822. doi: 10.3389/fpsyg.2014.00822
- [26] Kinzler, K., & **Vaish, A.** (2014). Political infants? Developmental origins of the negativity bias. *Behavioral and Brain Sciences*, *37*, 318. [Commentary]
- [25] Liebal, K., **Vaish, A.**, Haun, D., & Tomasello, M. (2014). Does sympathy motivate prosocial behavior in great apes? *PLoS One*, *9(1)*: e84299. doi: 10.1371/journal.pone.0084299

2009-2013

- [24] Tomasello, M., & **Vaish, A.** (2013). Origins of human cooperation and morality. *Annual Reviews of Psychology*, *64*, 231-255.

[Translated into German: Tomasello, M., & Vaish, A. (2016). Die Entstehung menschlicher Kooperation und Moral. J. Nida-Rümelin und J. Heilingner (Eds.), *Moral, Wissenschaft, Wahrheit* (pp. 181- 221). Berlin, Germany: Walter de Gruyter.]

- [23] Hepach, R., **Vaish, A.**, & Tomasello, M. (2013). Young children sympathize less in response to unjustified emotional distress. *Developmental Psychology*, *49(6)*, 1132-1138.

[22] Grossmann, T., **Vaish, A.**, Franz, J., Schroeder, R., Stoneking, M., & Friederici, A. D. (2013). Emotional voice processing: Investigating the role of genetic variation in the serotonin transporter across development. *PLoS One*, 8(7): e68377. doi: 10.1371/journal.pone.0068377

[21] Hepach, R., **Vaish, A.**, & Tomasello, M. (2013). A new look at children's prosocial motivation. *Infancy*, 18(1), 67-90.

[20] Herrmann, E., *Keupp, S., Hare, B., **Vaish, A.**, & Tomasello, M. (2013). Direct and indirect reputation formation in non-human great apes and human children. *Journal of Comparative Psychology*, 127(1), 63-75.

[19] Hepach, R., **Vaish, A.**, & Tomasello, M. (2012). Young children are intrinsically motivated to see others helped. *Psychological Science*, 23(9), 967-972.

[18] **Vaish, A.**, Carpenter, M., & Tomasello, M. (2011). Young children's responses to guilt displays. *Developmental Psychology*, 47(5), 1248-1262.

[17] **Vaish, A.**, Demir, O. E., & Baldwin, D. (2011). Thirteen- and 18-month-old infants recognize when they need referential information. *Social Development*, 20(3), 431-449.

[Featured in 'Experimenting with babies: 50 amazing science projects you can perform on your kid' by S. Gallagher (2013). Perigee.]

[16] **Vaish, A.**, *Missana, M., & Tomasello, M. (2011). Three-year-old children intervene in third-party moral transgressions. *British Journal of Developmental Psychology*, 29(1), 124-130.

[15] Grossmann, T., Johnson, M. H., **Vaish, A.**, Hughes, D., Quinque, D., Stoneking, M., & Friederici, A. (2011). Genetic and neural dissociation of individual responses to emotional expressions in human infants. *Developmental Cognitive Neuroscience*, 1(1), 57-66.

[14] **Vaish, A.**, Carpenter, M., & Tomasello, M. (2010). Young children selectively avoid helping people with harmful intentions. *Child Development*, 81(6), 1661-1669.

[13] **Vaish, A.**, & Woodward, A. (2010). Infants use attention but not emotions to predict others' actions. *Infant Behavior and Development*, 33(1), 79-87.

[12] **Vaish, A.**, Carpenter, M., & Tomasello, M. (2009). Sympathy through affective perspective-taking and its relation to prosocial behavior in toddlers. *Developmental Psychology*, 45(2), 534-543.

[Reprinted in: M. Killen and R. Coplan (Eds.) (2011), *Social development in childhood and adolescence: A contemporary reader* (pp. 48-61). Wiley-Blackwell.]

2004-2008

[11] **Vaish, A.**, Grossmann, T., & Woodward, A. (2008). Not all emotions are created equal: The negativity bias in social-emotional development. *Psychological Bulletin*, 134(3), 383-403.

[10] Lillard, A., Nishida, T., Massaro, D., **Vaish, A.**, Ma, L., & McRoberts, G. (2007). Signs of pretense across age and scenario. *Infancy*, 11(1), 1-30.

- [9] Striano, T., & **Vaish, A.** (2006). Seven- to 9-month-old infants use facial expressions to interpret others' actions. *British Journal of Developmental Psychology*, 24(4), 753-760.
- [8] Striano, T., **Vaish, A.**, & Benigno, J. (2006). The meaning of infants' looks: Information-seeking and comfort-seeking? *British Journal of Developmental Psychology*, 24(3), 615-630.
- [7] Striano, T., Henning, A., & **Vaish, A.** (2006). Selective looking by 12-month-olds to a temporally contingent partner. *Interaction Studies*, 7(2), 233-250.
- [6] **Vaish, A.**, & Woodward, A. (2005). Baby steps on the path to understanding intentions. *Behavioral and Brain Sciences*, 28, 717-718. [Commentary]
- [5] **Vaish, A.**, & Striano, T. (2004). Is visual reference necessary? Contributions of facial versus vocal cues in 12-month-olds' social referencing behavior. *Developmental Science*, 7(3), 261-269.

Book chapters

- [4] **Vaish, A.** (2018). Sophisticated concern in early development. In N. Roughley and T. Schramme (Eds.), *Forms of Fellow Feeling* (pp. 216-242). Cambridge University Press.
- [3] **Vaish, A.**, & Tomasello, M. (2014). The early ontogeny of human cooperation and morality. In M. Killen and J. G. Smetana (Eds.), *Handbook of Moral Development* (pp. 279-298). Taylor and Francis.
- [2] **Vaish, A.**, & Warneken, F. (2012). Social-cognitive contributors to young children's empathic and prosocial behavior. In J. Decety (Ed.), *Empathy: From Bench to Bedside* (pp. 131-146). Cambridge: MIT Press.
- [1] Grossmann, T., & **Vaish, A.** (2008). Reading faces: Developing a multi-level analysis of a social stimulus. In T. Striano & V. Reid (Eds.), *Social cognition: Development, Neuroscience and Autism* (pp. 167-180). Blackwell.

INVITED TALKS (as primary presenter only)

Keynote at the International Summer School of Affective Sciences, Geneva, Switzerland, 2018

The Einstein Ethics Group, Berlin, 2018

Emotion Preconference at the Convention of the Society for Personality and Social Psychology, San Diego, 2016

Council of Scientific Society Presidents [Special session on human universals and human actions], Washington D.C., 2015

Department of Human Development, University of Maryland, 2015

Department of Psychology, Virginia Tech, 2014

Department of Psychology, Ludwig Maximilians University, Munich, 2014

Conference on ‘The Influential Child: The Role of Children’s Psychobiology and Socialization in Development,’ The Hebrew University of Jerusalem, Israel, 2013

Seminar of the research group ‘The Influential Child,’ The Hebrew University of Jerusalem, Israel, 2013

Conference on “Forms of Fellow Feeling,” Duisburg-Essen University, 2013

VolkswagenStiftung Workshop on “Personal and Shared Intentions,” Berlin, Germany, 2012

Department of Psychology, University of Göttingen, Germany, 2012

Department of Psychology, Wuppertal University, Germany, 2012

Department of Psychology, University of Virginia, 2012

Klinik für Psychiatrie, Psychotherapie und Psychosomatik, Universitätsklinikum Leipzig, Germany, 2011

ESF Exploratory Workshop on “The Cognitive Basis of Understanding Social Relations: Developmental, Comparative and Evolutionary Approaches,” Inárcs, Hungary, 2011

Department of Social Neuroscience, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, 2011

Workshop on “Shared Emotion, Joint Attention, and Joint Action,” Aarhus University Center for Functionally Integrative Neuroscience, Aarhus, Denmark, 2010

Early Development Lab, University of Virginia, 2010

CONFERENCE PRESENTATIONS

** Signifies student or postdoc author*

PAPERS

*Oostenbroek, J., & Vaish, A. (2018, October). The emergence of forgiveness in preschool-age children. Paper to be presented at the Society for Research in Child Development special topic meeting on ‘Promoting Character Development Among Diverse Children and Adolescents,’ Philadelphia, PA.

*Oostenbroek, J., & Vaish, A. (2018, April). Forgiveness as a social signal: Young children respond favorably to those who forgive. Thematic flash talk to be presented at the conference of the Society for Affective Science, Los Angeles, CA.

Vaish, A. (2017, May). The development of flexible concern. Paper presented at the 29th annual convention of the Association for Psychological Science, Boston, MA.

Liebal, K., Vaish, A., Haun, D. B., & Tomasello, M. (2016, August). Sympathy does not motivate instrumental helping in different species of captive great apes. Paper presented at the joint meeting

of the International Primatological Society and the American Society of Primatologists, Chicago, IL.

Hepach, R., Vaish, A., Kano, F., Albiach-Serrano, A., Call, J., & Tomasello, M. (2016, August). Changes in chimpanzees' internal arousal in response to witnessing conspecifics being helped. Paper presented at the joint meeting of the International Primatological Society and the American Society of Primatologists, Chicago, IL.

Hepach, R., Vaish, A., *Müller, K., & Tomasello, M. (2016, May). Flexibility in children's intrinsic motivation to help others. Paper presented at the 20th International Conference on Infant Studies, New Orleans, LA.

Vaish, A., Hepach, R., Carpenter, M., & Tomasello, M. (2015, March). (Pro)social emotions: The development of guilt and gratitude. Paper presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.

Hepach, R., Vaish, A., & Tomasello, M. (2015, March). Young children's elevation in posture increases after they have helped others. Paper presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.

Vaish, A., Over, H., Carpenter, M., & Tomasello, M. (2014, July). The prosocial functions of guilt in early development. Paper presented at the 19th International Conference on Infant Studies, Berlin, Germany. [Paper presented in symposium on 'The emotional foundations of early prosocial behavior,' organized and chaired by A. Vaish]

Hepach, R., Vaish, A., & Tomasello, M. (2014, July). Social emotions influence young children's prosocial motives and reinforce their helping behavior. Paper presented at the 19th International Conference on Infant Studies, Berlin, Germany.

Vaish, A., Herrmann, E. *Markmann, C., & Tomasello, M. (2014, January). Preschoolers value those who sanction non-cooperators. Paper presented at the Budapest CEU Conference on Cognitive Development, Budapest, Hungary.

Hepach, R., Vaish, A., & Tomasello, M. (2014, June). Preschoolers become motivated to alleviate others' distress themselves when they are responsible. Paper presented at the 40th meeting of the Society for Philosophy and Psychology, Vancouver, Canada.

Vaish, A., & Hepach, R. (2013, April). Young children's responses to moral transgressors. Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Hepach, R., Vaish, A., & Grossmann, T., & Tomasello, M. (2013, April). What motivates young children's prosocial behavior? Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Vaish, A., & Hepach, R. (2012, June). Young children go below the surface in their social-moral evaluations. Paper presented at the 18th International Conference on Infant Studies, Minneapolis, MN.

Vaish, A. (2011, August). Moral mediators of young children's prosocial behavior. Paper presented at the 15th European Conference on Developmental Psychology, Bergen, Norway.

Vaish, A. (2011, March). Property as morality: Young children's moral responses to property rights violations. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

Vaish, A., & Hepach, R. (2011, March). Young children sympathize with others when it makes sense to do so. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

Grossmann, T., & Vaish, A. (2011, March). Not all emotions are created equal: The emergence of the negativity bias in infancy. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

Vaish, A., Carpenter, M., & Tomasello, M. (2010, March). Young children's behavior toward victims and perpetrators. Paper presented at the 17th International Conference on Infant Studies, Baltimore, MD.

Vaish, A. (2009, August). Sympathy and moral evaluations as mediators of young children's prosocial behavior. Paper presented at the 17th annual conference of the European Society for Philosophy and Psychology, Budapest, Hungary.

Vaish, A., Carpenter, M., & Tomasello, M. (2009, August). Mediators of prosocial behavior in early childhood. Paper presented at the 14th European Conference on Developmental Psychology, Vilnius, Lithuania.

Vaish, A., Carpenter, M., & Tomasello, M. (2009, April). Whom to help, whom not to help: Mediators of prosocial behavior in early childhood. Paper presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Vaish, A. (2008, September). Whom to help, whom not to help: Mediators of prosocial behavior in early childhood. Paper presented at the annual meeting of the British Psychological Society Developmental Section, Oxford, U.K.

Vaish, A., Warneken, F., Tomasello, M., & Carpenter, M. (2008, March). Social-cognitive contributors to prosocial behavior. Paper presented at the 16th International Conference on Infant Studies, Vancouver, Canada.

POSTERS

*Yucel, N. M., & Vaish, A. (2018, July). Norms with affect: Children and adults show greater affective arousal to moral than conventional transgressions. Poster to be presented at the 21st International Congress of Infant Studies, Philadelphia, PA.

*Beeler, S. J., & Vaish, A. (2018, July). Young children pay forward others' kindness. Upstream reciprocity across task domains. Poster to be presented at the 21st International Congress of Infant Studies, Philadelphia, PA.

*Oostenbroek, J., & Vaish, A. (2018, July). Do young children respond to displays of forgiveness? Poster to be presented at the meeting of the International Society for the Study of Behavioural Development, Gold Coast, Queensland, Australia.

Vaish, A., & Savell, S. (2018, May). Young children prefer recipients who display gratitude. Poster presented at the 30th annual convention of the Association for Psychological Science, San Francisco, CA.

*Beeler, S., & Vaish, A. (2018, January). Evidence for early gratitude? Young children pay forward others' kindness. Poster presented at the Emerging Insights from the Science of Gratitude conference, Chapel Hill, NC.

Grossmann, T., *Kelsey, C., & Vaish, A. (2017, May). Am I being watched? Attentiveness to eyes predicts generosity. Poster presented at the 29th annual convention of the Association for Psychological Science, Boston, MA.

*Oostenbroek, J., & Vaish, A. (2017, May). The emergence of forgiveness in preschoolers. Poster presented at the 29th annual convention of the Association for Psychological Science, Boston, MA.

*Lindahl, H. L., *Abboud, C. F., *Rowell, S. F., & Vaish, A. (2017, April). How would you feel? The effect of perspective taking on young children's prosocial behavior. Poster presented at the L. Starling Reid Undergraduate Psychology Conference, Charlottesville, VA.

*Kelsey, C., Grossmann, T., & Vaish, A. (2017, April). Early reputation management: Three-year-old children are more generous following priming with eyes. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

*Yucel, N. M. & Vaish, A. (2017, April). Young children tattle to enforce cooperative norms. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

*Eisen, S. L., Vaish, A., & Lillard, A. (2017, April). Heroes, villains, and everything in between: Children's assessment of morally ambiguous characters. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

*Yucel, N. M. & Vaish, A. (2017, January). Children's norm enforcement behavior and its temperamental correlates. Poster presented at the Budapest CEU Conference on Cognitive Development, Budapest, Hungary.

*Müller, K., Hepach, R., Vaish, A., & Tomasello, M. (2016, September). Children's intrinsic motivation to return a favor. Poster presented at the 50th Congress of the German Society for Psychology, Leipzig, Germany.

Hepach, R., Vaish, A., & Tomasello, M. (2016, May). Children's positive affect is reflected in systematic changes in postural elevation. Poster presented at the 20th International Conference on Infant Studies, New Orleans, LA.

Hepach, R., Vaish, A., & Tomasello, M. (2016, May). Young children's underlying motivation to help a recipient changes if they are responsible for accidentally harming her. Poster presented at the 20th International Conference on Infant Studies, New Orleans, LA.

*Botha, H., Vaish, A., & Parmar, B. L. (2016, January). Understanding shame and guilt: Fixed-mindedness is related to experiencing shame after a transgression. Poster presented at the Emotion Preconference at the Convention of the Society for Personality and Social Psychology, San Diego, CA.

Vaish, A., Hepach, R., & Grossmann, T. (2015, March). Desire understanding in 2-year-old children: An eye-tracking study. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.

Hepach, R., Vaish, A., & Tomasello, M. (2015, March). Measuring underlying motives of prosocial behavior via changes in internal arousal. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.

Vaish, A., Grossmann, T., & Woodward, A. (2014, July). Two year olds generalize negative but not positive preferences across individuals. Poster presented at the 19th International Conference on Infant Studies, Berlin, Germany.

Hepach, R., Vaish, A., & Tomasello, M. (2014, July). Young children show an elevated body posture after fulfilling their own as well as others' needs. Poster presented at the 19th International Conference on Infant Studies, Berlin, Germany.

Vaish, A., Herrmann, E., *Markmann, C., & Tomasello, M. (2013, September). Preschoolers value and prefer norm-enforcers. Poster presented at the 16th European Conference on Developmental Psychology, Lausanne, Switzerland.

Vaish, A., & Carpenter, M., & Tomasello (2013, April). The prosocial functions of guilt in early development. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Hepach, R., Vaish, A., Grossmann, T., & Tomasello, M. (2013, April). Young children's intrinsic prosocial motivation is linked to others' needs. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Hepach, R., Vaish, A., & Tomasello, M. (2012, June). Young children's sympathetic responses to justified and unjustified emotional distress. Poster presented at the 18th International Conference on Infant Studies, Minneapolis, MN.

Hepach, R., Vaish, A., & Tomasello, M. (2012, June). Young children's intrinsic motivation to see others helped. Poster presented at the 18th International Conference on Infant Studies, Minneapolis, MN.

Vaish, A., Carpenter, M., & Tomasello, M. (2011, March). Young children's responses to guilt displays. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

Hepach, R., Vaish, A., & Tomasello, M. (2011, March). Young children's responses to justified versus unjustified emotional distress. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

Vaish, A., *Missana, M., & Tomasello, M. (2010, March). Three-year-old children intervene in third-party moral transgressions. Poster presented at the 17th International Conference on Infant Studies, Baltimore, MD.

*Keupp, S., Herrmann, E., Vaish, A., & Tomasello, M. (2009, June). Great apes and human children evaluate others' social behavior. Poster presented at 'The Primate Mind: Built to connect with other minds' workshop in Erice, Sicily.

Vaish, A., Demir, O. E., & Baldwin, D. A. (2009, April). Twelve- and 18-month-old infants recognize when they need referential information. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Vaish, A., Carpenter, M., & Tomasello, M. (2009, April). Young children's moral evaluations mediate their prosocial behavior. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Vaish, A., Carpenter, M., & Tomasello, M. (2008, March). Whom to help, whom not to help: Mediators of prosocial behavior in early childhood. Poster presented at the 16th International Conference on Infant Studies, Vancouver, Canada.

Gerson, S., Leventon, J., Vaish, A., & Woodward, A. (2008, March). Infants' understanding of emotional expressions: Using information for oneself and to predict actions of others. Poster presented at the 16th International Conference on Infant Studies, Vancouver, Canada.

Gerson, S., Vaish, A., Schofield, L., Leventon, J., & Woodward, A. (2007, October). Infants' use of emotion to predict a person's action. Poster presented at the 5th biennial meeting of the Cognitive Development Society, Santa Fe, NM.

Vaish, A., Carpenter, M., & Tomasello, M. (2007, August). The cognitive route to sympathy and its relation to prosocial behavior. Poster presented at the 13th European Conference on Developmental Psychology, Jena, Germany.

Vaish, A., & Demir, O. E. (2007, August). Twelve- and 18-month-olds recognize when they need referential information. Poster presented at the 13th European Conference on Developmental Psychology, Jena, Germany.

Vaish, A., Woodward, A., & Grossmann, T. (2007, June). Not all emotions are created equal: The negativity bias in early development. Poster presented at the annual meeting of the Jean Piaget Society, Amsterdam, The Netherlands.

Vaish, A., Woodward, A., & Schofield, L. (2007, June). What will you do next? Infants' use of attention versus emotion cues as predictors of behavior. Poster presented at the annual meeting of the Jean Piaget Society, Amsterdam, The Netherlands.

Lillard, A., Nishida, T., Ma, L., Vaish, A., & McRoberts, G. (2005, April). Mothers' pretend behaviors with 15-, 18-, and 24-month-olds and children's apparent understanding. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.

Vaish, A., & Striano, T. (2005, April). 7- to 9-month-olds use facial expressions to interpret actions. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.

Striano, T., Vaish, A., & Benigno, J. (2003, October). To cross or not to cross? Gathering relevant information by 9-13 month olds on the visual cliff. Poster presented at the 3rd biennial meeting of the Cognitive Development Society, Park City, UT.

Vaish, A., & Lillard, A. (2003, April). Mothers' use of prosody in pretend versus real interactions. Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.

Richert, R. A., Lillard, A. S., & Vaish, A. (2002, May). Toddlers' behaviors during maternal pretense episodes. Poster presented at the biennial meeting of the International Society on Infant Studies, Toronto, ON, Canada.

SELECTED MEDIA COVERAGE

The sense of guilt is important. [Azione](#), August 2018
Lots of kids tattletale – but maybe that's a good thing. [The Charlotte Observer](#), April 2018
To guilt or not to guilt? A social dilemma. [WNPR](#), April 2018
When guilt is good. [The Atlantic](#), April 2018
When do children show morality? [UVA Today](#), November 2016
Experiments to do with your baby. [The Atlantic](#), December 6, 2013
The difference between complaining and whining. [Psychology Today](#), October 2012
Why are young children helpful? [Huffington Post](#), September 2012
Toddlers don't sympathize with crybabies. [PsychCentral](#), August 2012
Kids just wanna be helpful. [Pacific Standard](#), August 2012
Ability seen in toddlers to judge others' intent. [The New York Times](#), November 2010
Kids sensitive to moral behaviours. [The Times of India](#), November 2010
Kleinkinder strafen Fieslinge ab. [Spiegel Online](#), November 2010
Kinder helfen keinen Fiesen. [NZZ Online](#), November 2010

TEACHING (University of Virginia)

Introduction to Child Development (Undergraduate lecture): 2016S, 2017S, 2017F
Early Social and Moral Development (Graduate seminar): 2016F
Social Development (Graduate seminar): 2015F, 2018S
Moral Development (Undergraduate-Graduate seminar): 2015S
Morality & Honor (Undergraduate-Graduate seminar): 2018S

ADVISING [ADVISEE AWARDS AND HONORS]

Postdoctoral

University of Virginia

Dr. Janine Oostenbroek: 2016-present [2016 and 2018: Prize for best oral presentation in Arts, Humanities, and Social Sciences, UVA Postdoctoral Research Symposium]

Graduate level

Advising

University of Virginia

Johanna Chajes: 2018-present (co-advisor)

Stefen Beeler: 2016-present

Nazli Meltem Yucel: 2015-present [2017-2019: LIFE Academy Graduate Fellow; 2018: 2nd place for talk presented at U.VA Robert J. Huskey Graduate Research Exhibition; 2017: U.VA Graduate Research Travel Award; SPSP Graduate Travel Award; SRCD Frances Degen Horowitz Millennium Scholar]

Helet Botha: 2015-present (co-advisor)

Caroline Kelsey: 2015-present (co-advisor) [2018-2020: Jefferson Fellowship; LIFE Academy Graduate Fellow; 2018 Maury Pathfinder Award for best pre-dissertation in Psychology department]

Max Planck Institute for Evolutionary Anthropology

Robert Hepach: Co-advisor, 2009-2013 [now Junior Professor at the University of Leipzig]

Christiane Markmann (M.A. student): Co-advisor, 2010

Stefanie Keupp (M.A. student): Co-advisor, 2009

Manuela Missana (M.A. student); Co-advisor, 2009

Dissertation committees

University of Virginia

Sierra Eisen: Dissertation proposal committee, 2018

Andrew Morgan (Department of Philosophy): Dissertation committee, 2017

Shaina Rowell: Co-advisor, Dissertation committee, 2017

Marissa Drell: Dissertation proposal committee, 2016; Dissertation committee, 2018

External

Matti Wilks (University of Queensland): External evaluator for dissertation, 2018

Nereida Bueno Guerra (University of Barcelona): External evaluator for dissertation, 2017

Undergraduate

University of Virginia

Christina Marlow: 2018-2019, Advisor for Distinguished Majors thesis

Sarah Thomas: 2018-2019, Advisor for Distinguished Majors thesis

Udeyvir Cheema: 2018-2019, Advisor for Semester Scholars project

Daniel Yonas: 2018, Reader for Distinguished Majors thesis

Caroline Chamberlain: 2017, Reader for Distinguished Majors thesis

Anand Tripathi: 2016, Co-advisor for Distinguished Majors thesis

Shannon Savell: 2015, Reader for Distinguished Majors thesis

Sydney Sampson: 2015, Reader for Distinguished Majors thesis

PROFESSIONAL SERVICE

Journals

Guest Co-Editor: Special Section in *Child Development* on “The motivational foundations of prosocial behavior: A developmental perspective” (published in 2016)

Ad hoc Reviewer: British Journal of Developmental Psychology; Child Development; Child Development Perspectives; Cognition; Cognition, Brain, Behavior. An Interdisciplinary Journal; Cognition and Emotion; Cognitive Development; Developmental Psychology; Developmental Science; Emotion; Evolution and Human Behavior; Evolutionary Psychology; Frontiers in Psychology; Infancy; Infant and Child Development; Journal of Child Language; Journal of Cognition and Development; Journal of Economic Behavior and Organization; Journal of

Experimental Child Psychology; Journal of Nonverbal Behavior; Journal of Social, Evolutionary, and Cultural Psychology; Philosophical Psychology; PLoS One; Psychological Science; Social Development; Trends in Cognitive Sciences

Grants

Ad hoc Reviewer: National Science Foundation, John Templeton Foundation, Social Sciences and Humanities Research Council of Canada

Conferences

'Moral Development' Review Panel Co-Chair: Biennial meeting of the Society for Research in Child Development (2017)

Reviewer: Cognitive Development Society (2017); Society for Philosophy and Psychology (2014, 2018); Biennial meeting of the Society for Research in Child Development (2013)

UNIVERSITY SERVICE (University of Virginia)

2017 Reviewer for Elisabeth Munsterberg Koppitz Fellowship

DEPARTMENTAL SERVICE (University of Virginia)

Committees

2017-2018 Neuroscience Cluster Faculty Search Committee
 Futures Committee
 Undergraduate Program and Curriculum Committee
 Steering Committee

2016 New Psychology Chair Search Committee

2015-2016 Colloquium Committee Co-chair

2014-2015 Minority and Ethnic Relations Committee Member

Presentations and panels

2017 Talk presented at Developmental area meeting

2016 Talk presented at Developmental area meeting for prospective graduate students

2016 Speaker in Panel on Family Issues and Work/Life Balance (organized by Gender & Sexuality Committee and Women's Concerns Committee)

2015 Talk presented at The College Science Scholars Program

2015 Departmental Colloquium for prospective students

2014 Talk presented at weekly Developmental area meeting
 Talk presented at weekly Social area meeting

PROFESSIONAL MEMBERSHIPS

Since 2005 Society for Research in Child Development

Since 2008 Association for Psychological Science

Since 2017 Cognitive Development Society

Since 2018 American Psychological Association