

Lisa C. Newell
1020 Oakland Ave.
101 Uhler Hall
Dept. of Psychology
Indiana University of Pennsylvania
Indiana, PA 15705
(724) 357-7849
newell@iup.edu

EDUCATION

University of Pittsburgh, Pittsburgh, PA
Ph.D. in Developmental Psychology; April, 2005
The Development of the Facial Expertise: The effects of race, distinctiveness, and intentionality (chairperson: Mark S. Strauss, PhD)

University of Pittsburgh, Pittsburgh, PA
M.S. in Developmental Psychology; April, 2002
Gender categorization in infancy: The effect of typicality (chairperson: Mark S. Strauss, PhD)

Slippery Rock University, Slippery Rock, PA
B. S. in Psychology; August, 2000
Summa cum laude

PROFESSIONAL EXPERIENCE

Assistant Professor of Psychology
Indiana University of Pennsylvania
August, 2007 - present

Co-Director
Infant and Toddler Development Center
University of Pittsburgh, Pittsburgh, PA
August, 2000 – August, 2004, August, 2007 - present

Postdoctoral fellow (Peter Mundy, PhD)
Supported by NICHD Training grant T32HD007473 – Mental Retardation/
Developmental Disabilities
University of Miami, Miami, FL
August, 2006 – August, 2007

Postdoctoral fellow (Lorraine Bahrack, PhD)

Supported by NIMH R01MH062226, "Intersensory Redundancy and the Development of Perception" and NSF Center for Science of Learning Catalyst grant SBE 0350201, "South Florida Research Consortium on the Development of Attention, Perception, Learning, and Memory"

Florida International University, Miami, FL

August, 2004 – August, 2006

Graduate Student Researcher

Supported by NICHD Collaborative Program of Excellence in Autism Project 1:

Categorization and the abstraction of concepts in individuals with Autism

University of Pittsburgh, Pittsburgh, PA

July, 2002 – July, 2003

TEACHING EXPERIENCE

Courses taught

PSYC 310 - Developmental Psychology

PSYC 311 - Child Psychology

PSYC 493 - Psychology Practicum

PSYC 853 - Issues in Development (graduate course)

PSYC 981 - Autism Spectrum Disorders Seminar

How to Think Like a Psychologist (for Robert E. Cooks Honors College Summer Honors Program)

PROFESSIONAL SERVICE

Committees

Practicum Committee, January, 2007 - present

Chairperson, August, 2008 – present

Undergraduate Curriculum Committee, September, 2007 - present

College of Natural Sciences and Mathematics Pre-Med Committee, September, 2009 - present

Research Institute Advisory Board, September, 2009 – present

Chairperson, 2010 - present

Center for Applied Psychology Steering Committee, August, 2009 - present

Ad Hoc Information Dissemination Committee, February, 2009 - present

Ad Hoc Committee on Liberal Studies, February, 2009

Department Colloquium Committee, 2008 - present

Presentations

Identification and Assessment of Autism Spectrum Disorders, Community Presentation, April, 2011

Individual Brown bag, Psychology Department, 2009

ASD Clinic Brown Bag, Psychology Department, 2010

Graduate School in Psychology, Panel discussion, IUP Psi Chi chapter, November, 2009
What Grad School is Really Like, presentation to IUP Psi Chi chapter, October, 2007
Social Information Processing Abilities in Individuals with Autism and Typically-developing Individuals, University of Pittsburgh, Psychology Department, Developmental Program Brown Bag Series Presentation, 2008
The Development of Social Information Processing Skills During Infancy, presentation to IUP Psi Chi chapter, October, 2008

Dissertation Committees

Cogan-Ferchalk, J. (2011-2012). *The Sensitivity and Specificity of the Modified Checklist for Autism in Toddlers for Preschool-Age Students in Special Education* (Ed.D. in School Psychology, College of Education and Educational Technology, IUP).

Undergraduate Honors Thesis Projects

Ly, K. (2008-2009). *Recognition of upright and inverted stimuli of varying social relevance in children with an Autism Spectrum Disorder and typically-developing children* (Honors thesis).
Shutt, C. (2008-2009). *Social Processing Skills in Typically-developing Children and Children with Autism* (Honors thesis).
Herren, O. (2009-2010). *Social Competence and Information Processing in Typically Developing Adults* (Honors thesis).
Snyder, R. (2010-2011). *Infant Imitation from Conceptually Learned Actions with 2D and 3D Models* (Honors thesis).
McQuiston, L. (2010-2011). *Does it hurt? Influential factors of infant pain response to vaccinations* (Honors thesis).

PROFESSIONAL MEMBERSHIPS

Society for Research in Child Development, 2001
International Society for Infant Studies, 2002
International Society for Autism Research, 2006
American Psychological Society, 2007

PUBLICATIONS

Newell, L.C., & Strauss, M.S. (in revision) Discrimination of facial gender in infancy and childhood: The effect of typicality and hair cues.

Strauss, M.S., Newell, L.C., Best, C.A., Giovanelli, J., Hannigen, S., & Gastgeb, H. (submitted) The development of facial gender categorization in individuals with autism: The impact of typicality. *Journal of Autism and Developmental Disorders*.

- Hileman, C., Henderson, H., Mundy, P., Newell, L., & Jaime, M. (2011). Developmental and Individual Differences on the P1 and N170 ERP Components in Children with and without Autism. *Developmental Neuropsychology*, 36(2), 214-236. doi:10.1080/87565641.2010.549870
- Newell, L.C., Best, C.A., Gastgeb, H., Rump, K.M., & Strauss, M.S. (2010). The Development of Categorization and Facial Knowledge: Implications for the Study of Autism. In L. M. Oakes, C. H. Cashon, M. Casasola, & D. H. Rakison, (Eds.). *The Information processing infant: Recent advances and theoretical approaches* (pp. 345-404). New York: Oxford University Press.
- Ibanez, L., Messinger, D. Newell, L., Sheskin, M. Lambert, B. (2008). Visual disengagement in the infant siblings of children with an Autism Spectrum Disorder (ASD). *Autism: International Journal of Research and Practice*, 12, 523–535.
- Bahrack, L.E. & Newell, L.C. (2008). Infant Discrimination of Faces in Naturalistic Events: Actions are More Salient than Faces. *Developmental Psychology*, 44(4), 983-996.
- Mundy, P. & Newell, L. (2007). Attention, Joint Attention, and Social Cognition. *Current Directions in Psychological Science*, 16(5), 269-274.
- Bahrack, L.E., Vaillant-Molina, M., Shuman, M.A., Batista, L.C., Newell, L.C., Castellanos, I., & Williams, T. (2005). The salience of actions over faces for young infants. In H. Heft & K.L. Marsh (Eds.) *Studies of Perception and Action XIII*, Lawrence Erlbaum Associates, Inc.

CONFERENCE PRESENTATIONS

- Newell, L.C. (2010, October). *A Multimodal Approach to Categorization: The Roles of Visual, Auditory and Cultural Norms in the Development of Gender Categories*. Paper presented at the PASSHE Potluck Psychology Conference, Indiana, PA.
- Hileman, C.M., Henderson, H.A., Newell, L.C., Jaime, M., Mundy, P.C. (2010, May). *Metacognitive Awareness of Face Processing in High Functioning Autism*. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
- Jaime, M., Hileman, C.M., Newell, L.C., Henderson, H.A., & Mundy, P.C. (2010, May). *EEG Coherence of Adolescents with High Functioning Autism during Social Perception*. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
- Bahrack, L.E., Grossman, R., Castellanos, I., Argumosa, M.A., & Newell, L.C. (2010, March). *Audiovisual Interactions in Infant Categorization: Voice Gender Biases Face Categorization*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.

- Jaime, M., Gamber, B.C., Hileman, C.M, Newell, L.C., Henderson, H.A., & Mundy, P.C. (2009, April). *The Effect of Spatial Incongruity on Gaze Following Behavior in Children With High Functioning Autism: An Eye Tracking Study*. In M. Kaiser & P.C. Mundy (Chairs) Joint Attention Abilities in Atypical Infants and Children. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
- Hileman, C., Schwartz, C., Jaime, M., Newell, L.C., Mundy, P.C., & Henderson, H.A. (2009, April). Response Monitoring in Autism: A Face Processing Task and Its Relation to ERN. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
- Newell, L.C., Castellanos, I., Grossman, R., & Bahrack, L.E. (2009, April). Bimodal, Synchronous Displays but not Unimodal, Visual Displays Elicit Gender Discrimination in 6-Month-old Infants. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
- Hileman, C., Schwartz, C., Jaime, M., Newell, L.C., Mundy, P.C., & Henderson, H.A. (2009, May). *Response Monitoring on a Face Processing Task and its Relation to the ERN*. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Jaime, M., Gamber, B., Hileman, C., Newell, L.C., Henderson, H.A., & Mundy, P.C. (2009, May). *Spatial Incongruity Affects the Looking Behavior of Children with High Functioning Autism during Joint Attention Eliciting Videos: An Eye Tracking Study*. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Hileman, C. Newell, L. Jaime, M. Henderson, H., & Mundy, P. (2008, August). *Face Processing: The N170 ERP Component in Autism*. Poster presented at the American Psychological Association 116th Annual Convention, Boston, MA.
- Newell, L.C., Bahrack, L.E., Vaillant-Molina, M., Shuman, M., & Castellanos, I. (2007, May). *Intersensory perception and attention disengagement in young children with autism*. Poster presented at the International Meeting for Autism Research, Seattle, WA.
- Best, C.A., Strauss, M.S., Newell, L.C., & Minshew, N.J. (2007, May). *Memory for faces: A Comparison of intentional vs. incidental paradigms*. Poster presented at the International Meeting for Autism Research, Seattle, WA.
- Ibanez, L.V., Lambert, B., Newell, L.C., Sheskin, M., & Messinger, D.S. (2007, May). *Gaze shifting in the infant siblings of children with an autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, Seattle, WA.
- Bahrack, L.E., Newell, L.C., Shuman, M., & Ben, Y. (2007, March). *Three-month-old Infants Recognize Faces in Unimodal Visual but not Bimodal Audiovisual Stimulation*. Poster presented at the meeting of the Society for Research in Child Development, Boston, MA.
- Newell, L.C., Bahrack, L.E., & Sternstein, M.L. (2007, March). *Face Recognition in Preschool-Aged Children*. Poster presented at the meeting of the Society for Research in Child Development, Boston, MA.

- Molina, M.V., Newell, L.C., & Bahrick, L.E. (2006, June). *Intersensory redundancy impairs face perception in early development*. Poster presented at the International Conference on Infant Studies, Kyoto, Japan.
- Bahrick, L. E., Lickliter, R., Shuman, M., Batista, L.C., Castellanos, I., & Newell, L.C. (2005, November). *The development of infant voice discrimination: From unimodal auditory to bimodal audiovisual stimulation*. Poster Presented at the International Society of Developmental Psychobiology, Washington, D.C.
- Giovanelli, J.L., Strauss, M.S., Best, C.A., Newell, L.C., Rump, K.M., Turner, K., & Minshew, N.J. (2005, May) *Face processing abilities in young children with autism*. Poster presented at the International Meeting for Autism Research, Boston, MA.
- Best, C.A., Strauss, M.S., Newell, L.C., & Minshew, N.J. (2005, May) *Face knowledge in individuals with Autism: Abstracting specific information from faces*. Poster presented at the International Meeting for Autism Research, Boston, MA.
- Best, C.A., Strauss, M.S., Newell, L.C., Gastgeb, H., Rump, K.M., & Minshew, N.J. (2005, April) *Memory abilities of children and adults with Autism: Incidental recognition memory of distinctive versus typical faces*. Poster presented at the meeting of the Society for Research in Child Development, Atlanta, GA.
- Gastgeb, H., Strauss, M.S., Rump, K.M., Best, C.A., Newell, L.C., & Minshew, N.J. (2005, April) *Do individuals with Autism process categories differently: The effects of typicality on basic-level object categorization*. Poster presented at the meeting of the Society of Research in Child Development, Atlanta, GA.
- Strauss, M.S., Newell, L.C., Best, C.A., Rump, K.M., Gastgeb, H., & Minshew, N.J. (2005, April) *Discrimination of facial gender by typically developing children and individuals with Autism*. Poster presented at the meeting of the Society of Research in Child Development, Atlanta, GA.
- Newell, L.C., Strauss, M.S., Best, C.A., & Gastgeb, H. (2004, May). *The role of gender categorization in face recognition*. Poster presented at the International Conference on Infant Studies, Chicago, IL.
- Newell, L.C., Strauss, M.S., Best, C.A., & Gastgeb, H. (2004, May). *Gender categorization abilities of preschoolers: The effects of typicality and hair*. Poster presented at the International Conference on Infant Studies, Chicago, IL.
- Best, C.A., Strauss, M.S., Newell, L.C., Gastgeb, H., & Costello, M.C. (2004, May). *Preschoolers' implicit recognition memory for distinctive versus typical faces*. Poster presented at the International Conference on Infant Studies, Chicago, IL.
- Newell, L.C., Strauss, M.S., & Best, C.A. (2003, April). *Gender Categorization during Infancy: The effect of typicality*. Poster presented at the meeting of the Society for Research in Child Development, Tampa, FL

Strauss, M.S., Newell, L.C., & Best, C.A. (2003, April). *The perception and recognition of faces by infants, preschoolers, and individuals with autism*. In C. Nelson (Chair) *The Development of Facial Expertise*. Symposium conducted at the meeting of the Society for Research in Child Development, Tampa, FL

Newell, L.C., & Strauss, M.S. (April, 2002). Infants' Ability to Discriminate Gender Using Facial Features. Poster presented at the International Conference of Infant Studies, Toronto, ON.

Newell, L.C. (January, 2002). Infants' Ability to Discriminate Gender on the Basis of Internal Facial Features. Paper presented for Psychology Department Developmental Brown Bag series, Pittsburgh, PA.

Newell, L.C., & Strauss, M.S. (August, 2001). Infants' Ability to Categorize Gender. Paper presentation at the Pitt-CMU Graduate Student Conference, Pittsburgh, PA.

GRANTS

University Senate Research Committee Small Grants Program, "Administration of the Autism Diagnostic Observation Schedule: Establishment of Research Reliability," (Role: PI) Indiana University of Pennsylvania, 2010-2011 (\$852).). Project funding to support completion of training on the ADOS, to allow for its use in clinical and research settings. Role: Participated in all necessary training for ADOS assessments, administered or observed required assessments and additional training assessments.

Faculty Professional Development Council Annual Grants Program, "Development of a clinic at IUP to serve families of children suspected of having Autism Spectrum Disorders," (Role: Co-PI with Laura Knight). Pennsylvania State System of Higher Education (2010-IUP-07; \$7891); Indiana University of Pennsylvania, 2010-2011. Project designed to establish a diagnostic clinic for children suspected of having an ASD; to serve the Indiana and surrounding counties.

Role: Participated in all training for ASD assessment, co-taught graduate seminar for Psy.D. students, participated in assessment and diagnoses of all clients, supervised graduate students' administration of various assessments, collected data on incoming clients to conduct a needs assessment.

University Senate Research Committee Small Grants Program, "Audiovisual Interactions in Infant Categorization: Voice Gender Biases Face Categorization," (Role: PI) Indiana University of Pennsylvania, 2009-2010 (\$500). Travel grant supporting the presentation of data demonstrating the role of audio information for interpreting visual gender information during infancy at the International Conference on Infant Studies.

University Senate Research Committee Small Grants Program, "Bimodal, synchronous displays but not unimodal, visual displays elicit gender discrimination in 6-month-old infants," (Role: PI) Indiana University of Pennsylvania, 2008-2009 (\$500). Travel grant

supporting the presentation of data demonstrating the priority of bimodal information for gender discrimination during infancy at the Society for Research in Child Development.

University Senate Research Committee Small Grants Program, “The Role of Gaze Direction in a Face Recognition Task During Infancy,” (Role: PI) Indiana University of Pennsylvania, 2007-2008 (\$1033). Investigation of the joint development of face recognition and joint attention abilities in 4-month-old infants.

Role: Designed research study, implemented protocol, managed budget and staff, currently collecting and analyzing data.

NICHD Clinical Research - Extramural LRP (2186588285FY2006), “Attention and Perceptual Abilities in Children with Autism Spectrum Disorder & Typically Developing Children,” (Role: PI) University of Miami, 2006-2008. Exploratory project to establish the existence of deficits in early developing intersensory perceptual functioning in young children with Autism that may be early markers of later developing deficits/symptoms.

Role: Designed research protocol, currently managing project, collecting and analyzing data, writing an NIMH R01 grant proposal from pilot data.

NICHD grant, “Audiovisual Interactions in Categorization,” (Role: Co-PI with Lorraine Bahrick) National Institutes of Child Health and Human Development (RO3 HD052602-01; \$100,000) Florida International University, 2006 - 2008. Investigations of the interaction effects of face and voice information in the categorization of faces during infancy and adulthood.

Role: Designed research studies for grant proposal; currently implementing protocols, managing projects, budget, and staff, collecting data, and analyzing data and will be responsible for writing progress reports.

Faculty Research Enhancement Award, “Intersensory Perception in Children with Autism Spectrum Disorder & Typically Developing Children,” (Role: Co-PI with Lorraine Bahrick), July 2005-December 2005, Florida International University. Small project to collect pilot data for collaborative project with the University of Miami.

Role: Collaboratively designed study, created new data collection setup, collected data, analyzed data, managed budget, and wrote progress report.

Andrew Mellon Predoctoral Fellowship, “The development of face expertise: The effects of race, distinctiveness, and intentionality,” (Role: PI), 2003-2004, University of Pittsburgh. Project investigated face recognition abilities of 5- to 11-year-old children and adults for own- and other-race faces.

Role: Designed study, implemented protocol, collected and analyzed data.