

## Craig K. Van Pay

Post-doctoral Research Fellow

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### EDUCATION

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- Spring 2023      **Ph.D.**, Iowa State University; Co-Majors: Education & Human Development and Family Studies  
Co-Advisors: Constance Beecher, Ph.D. & Ji Young Choi, Ph.D.
- August 2017      **M.S.**, Iowa State University; Major: Education;  
Advisor: Constance Beecher, Ph.D.
- May 2012      **B.S.**, University of Wisconsin-Green Bay; Major: Psychology  
Summa Cum Laude & Distinction in the Major

### PROFESSIONAL EXPERIENCE

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- 2022 – Current      **Post-doctoral Research Fellow**, Early Childhood Education Institute, University of Oklahoma-Tulsa, Tulsa, OK
- 2020 – 2022      **Head Start Research Fellow**, ACF OPRE & ISU, Ames, IA
- 2019 – 2021      **Graduate Research Assistant**, Department of Human Development and Family Studies, Iowa State University, Ames, IA
- 2019      **Graduate Research Assistant**, Research Institute for Studies in Education Iowa State University, Ames, IA
- 2018      **Small Talk Project Coordinator**, Ames Public Library, Ames, IA
- 2016 – 2019      **Graduate Research Assistant**, School of Education Iowa State University, Ames, IA
- 2015 – 2016      **Every Child Ready Project Coordinator**, Mid-Iowa Community Action, Inc., Marshalltown, IA
- 2014 – 2015      **Early Head Start/Head Start Family Development Specialist** Mid-Iowa Community Action, Inc., Marshalltown, IA

### CERTIFICATIONS

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- 2020      **Applied Research Methods in the Human Sciences**  
The Graduate College, Iowa State University, Ames, IA

### RESEARCH INTERESTS

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- Contextual factors of early language and literacy development
- Preschool education & teacher-child processes
- Dual language learners' education, experiences, and outcomes
- Language and literacy interventions for children, caregivers, and teachers
- Longitudinal methods and measurements of child development

## **PUBLICATIONS**

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### **PEER-REVIEWED - PUBLISHED**

Choi, J. Y., Ryu, D., **Van Pay, C. K.**, Meacham, S., & Beecher, C. C. (2021). Listening to Head Start teachers: Teacher beliefs, practices, and needs for educating dual language learners. *Early Childhood Research Quarterly*, *54*, 110-124.

<https://doi.org/10.1016/j.ecresq.2020.08.005>

Beecher, C.C., & **Van Pay, C.K.** (2021). Small talk: A community research collaboration to increase parental provision of language to children. *Child Youth Care Forum*, *50*, 13–38.

<https://doi.org/10.1007/s10566-019-09507-7>

Beecher, C. C., & **Van Pay, C. K.** (2020). Investigation of the effectiveness of a community-based parent education program to engage families in increasing language interactions with their children. *Early Childhood Research Quarterly*, *53*, 453-463.

<https://doi.org/10.1016/j.ecresq.2020.04.001>

Ettlinger, M., Lanter, J., & **Van Pay, C. K.** (2014). Learning to remember by learning to speak.

*Developmental Psychology*, *50*(2), 431–438. <https://doi.org/10.1037/a0033317>

### **PEER-REVIEWED - REVISE & RESUBMIT**

Choi, J. Y., **Van Pay, C. K.**, & Beecher, C. C. (revised and resubmitted). Preschool language experience of dual language learners and English monolingual children.

### **DISSERTATION/THESIS**

**Van Pay, C. K.** (2023). Outcomes related to disparities in the preschool language experiences of English monolinguals and dual language learners in Head Start [Doctoral dissertation, Iowa State University]

**Van Pay, C. K.** (2017). Closing the achievement gap through parent education and linguistic feedback [Master's thesis, Iowa State University]

## **GRANTS**

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### **EXTERNAL GRANTS**

**Van Pay, C. K.** (Student PI) & Choi, J.Y. (Faculty PI). (Sept. 2020 – Sept. 2022).

*Outcomes Related to Disparities in the Preschool Language Experiences of English Monolinguals and Dual Language Learners in Head Start.*

Administration for Children and Families, Office of Planning, Research and Evaluation Early Care and Education Research Scholars: Head Start Graduate Student Research Grants.

Award: \$25,000

### **INTERNAL GRANTS**

Iowa State University Human Development and Family Studies Dissertation Research Fund

Award: \$1,000

## **PRESENTATIONS**

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### **PRESENTATIONS AT NATIONAL AND REGIONAL CONFERENCES**

- Van Pay, C. K., Choi, J. Y., & Beecher, C. C.** (2023, March). Outcomes related to disparities in the preschool language experiences of English monolinguals and dual language learners in Head Start. Poster to be presented at the Society for Research in Child Development 2023 Biennial Meeting. Salt Lake City, UT.
- Van Pay, C. K., Choi, J. Y., & Beecher, C. C.** (2022, June). Outcomes related to disparities in the preschool language experiences of English monolinguals and dual language learners in Head Start. Poster presented at the 2022 National Research Conference on Early Childhood, Online.
- Choi, J. Y., **Van Pay, C. K.**, & Beecher, C. C. (2022, June). Differences in the everyday preschool language experiences of dual language learners and English monolinguals. Poster presented at the 2022 National Research Conference on Early Childhood, Online.
- Choi, J. Y., Jeon, S., **Van Pay, C. K.**, & Arabzadehjafari, F. (2022, June). Patterns and predictors of dual language development. Poster presented at the 2022 National Research Conference on Early Childhood, Online.
- Van Pay, C. K.**, & Choi, J. Y. (2021, April). Quantitative examinations of adult word counts and child vocalizations in preschool teacher-child conversations. Paper presented as part of a symposium at the Society for Research in Child Development 2021 Virtual Biennial Meeting, Online.
- Van Pay, C. K.** & Beecher, C. (2021, April). Moment-to-moment digital media use associated with likelihood and quantity of parent-child language interaction. Poster presented at the Society for Research in Child Development 2021 Virtual Biennial Meeting, Online.
- Van Pay, C. K.**, & Choi, J. Y. (2020, December). Differences in the number of teacher words per conversation with dual language learner and English monolingual preschoolers based on teacher- or child-initiation. 2020 National Research Conference on Early Childhood, Online.
- Van Pay, C. K.**, Choi, J. Y., & Ryu, D. (2020, April). Language experience of monolinguals and Dual Language Learners during preschool classroom activities. Paper to be presented at the 2020 American Educational Research Association Annual Meeting. San Francisco, CA.
- Beecher, C. C. & **Van Pay, C. K.** (2019, November). The impact of community-based parent education programming on adult-child language interactions. Poster presented at the 2019 Meeting of the American Speech-Language-Hearing Association. Orlando, FL.
- Van Pay, C. K.** & Carey, L. (2019, October). Innovative Approaches for Fostering Early Language and Literacy. Talk given at the ILA/NLA/NSLA Joint Conference 2019. Omaha, NE.
- Beecher, C. C. & **Van Pay, C. K.** (2019, March). Not just talk: The impact of universal parent education programming on child language development. Poster presented at the 2019 Society for Research in Child Development Biennial Meeting. Baltimore, MD.

- Ryu, D., **Van Pay, C. K.**, Choi, J. Y., Meacham, S., Beecher, C. C., (2019, March). Listening to Head Start teachers with Dual Language Learners. Poster presented at the 2019 Society for Research in Child Development Biennial Meeting. Baltimore, MD.
- Beecher, C. C. & **Van Pay, C. K.** (2019, April). Purpose-driven Engagement: An experimental university-community research partnership. Poster presented at the 2019 American Educational Research Association Annual Meeting. Toronto, CA.
- Beecher, C. C. & **Van Pay, C. K.** (2018, June). Exploring the Value of Universal Prevention for Children's Language Development. Poster presented at the 2018 National Research Conference on Early Childhood. Arlington, VA.
- Rowe, N., **Van Pay, C. K.**, Beecher, C. (2018, March). Father talk: Differences in early literacy intervention outcomes based on father attendance and child gender. Poster presented at the 2018 Conference for Research Innovations in Early Intervention. San Diego, CA.
- Van Pay, C. K.** & Beecher, C. (2017, September). Closing the achievement gap through parent education and quantitative linguistic feedback: The use of LENA Start™ to improve the home linguistic environment and parental knowledge of child development. Poster presented at the 2<sup>nd</sup> Annual LENA Conference. Beaver Creek, CO.
- Van Pay, C. K.** & Yoshida, H. (2013, April) Volume vs. Number: Judging quantity across language development. Poster presented at Southwestern Psychological Association (SWPA) convention, Fort Worth, TX.
- Ettlinger, M., Zapf, J., & **Van Pay, C. K.** (2012, January). Linguistic relativity in child language acquisition: How plural morphophonology impacts memory. Poster presented at the 86th Annual Meeting of the Linguistic Society of America. Portland, OR.
- Van Pay, C. K.** & Zapf, J. (2012, May). Putting together the pieces: Meaning matters in children's plural comprehension. Poster presented at the 84th Annual Midwest Psychological Association conference, Chicago, IL.
- Van Pay, C. K.**, Ettlinger, M., & Zapf, J. A. (2012, May). The influence of language on memory: Differences in recollection of regular English plural nouns with varying phonological properties. Poster presented at the 84th Annual Midwest Psychological Association conference, Chicago, IL.

### **PRESENTATIONS AT STATE, LOCAL AND UNIVERSITY CONFERENCES**

- Choi, J., Ryu, D., **Van Pay, C. K.**, & Crouch, B. (2019, October). Supporting Dual Language Learners' Development in Preschool Settings. Presented at the IAAEYC Early Learning Fall Institute, Des Moines, IA.
- Ruscheinski, A., **Van Pay, C. K.**, Ryu, D., Choi, J. Y., Beecher, C. C. (2018). Early language use and experience in preschool classrooms with dual language learners. Poster to be presented at the Fall 2018 Iowa State University Human Development and Family Studies poster session, Ames, IA.
- Ryu, D., Riser, Q. H., **Van Pay, C. K.**, Tatlow, E., Rouse, H. R., Choi, J. Y., Beecher, C. C., Flint Baker, H. (2018, April). Child Development and the Utility of the Early Childhood Longitudinal Study – Birth Cohort (ECLS-B): A Systematic Review. Poster presented at

the Spring 2018 Iowa State University Human Development and Family Studies Poster session, Ames, IA.

Beecher, C., & **Van Pay, C. K.** (2017, September). Analyzing Talk with LENA. Demonstration given at the 15<sup>th</sup> Annual Technology for Second Language Learning Conference, Ames, IA.

Fisher, J. A., **Van Pay, C. K.**, Yoshida, H. (2013, October). Attentional Biases in Novel Adjective Learning. Poster presented at the University of Houston Undergraduate Research Day 2013, Houston, TX

Aitkens, K., **Van Pay, C. K.**, & Yoshida, H. (2013, April). Reshaping Visual Language Using Memory. Poster presented at the University of Houston Spring Academic Showcase 2013, Houston, TX.

**Van Pay, C. K.** & Martin, R. C. (2012, April). Affective States on Student's Judgment in Cases of Academic Dishonesty. Poster presented at the 11th Annual University of Wisconsin - Green Bay Academic Excellence Symposium, Green Bay, WI.

Lakowske, A., **Van Pay, C. K.**, & Zapf, J. A. (2012, April). Children's Comprehension of Plurals: Comparing Set Size and Similarity. Poster presented at the 11th Annual University of Wisconsin - Green Bay Academic Excellence Symposium, Green Bay, WI.

**Van Pay, C. K.**, Ettlinger, M., & Zapf, J. A. (2012, March) The Influence of Language on Memory: Differences in Recollection of Regular English Plural Nouns with Varying Phonological Properties. Poster presented at Posters in the Rotunda, Madison, WI.

**Van Pay, C. K.**, Zapf, J. A., & Ettlinger, M. (2011, April). Does the language we speak affect what we can remember?. Poster presented at the 10th Annual University of Wisconsin - Green Bay Academic Excellence Symposium, Green Bay, WI.

## **HONORS AND AWARDS**

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### **IOWA STATE UNIVERSITY**

Graduate Scholarship Award - Vera Winery Memorial Scholarship (Fall 2021, Spring 2022)

SRCD 2021 Strategic Poster Award – Poster exemplifying interdisciplinary research (Spring 2021)

ACF OPRE 2020 Head Start Research Fellow (Fall 2020 – Fall 2021)

AERA Early Education and Child Development SIG Graduate Student Travel Award (Spring 2020)

Graduate Scholarship Award – PhD Student Scholarship (Spring 2020)

Excellence as a PhD Student Scholarship – ISU School of Education (Spring 2020)

Emerging Leaders Academy – ISU Graduate College (Fall 2019 – Spring 2020)

Graduate Scholarship Award - Damaris Pease Family & Consumer Science Fellowship Fund (Spring 2018)

Graduate Scholarship Award - Helen Easter Family & Consumer Science Graduate Scholarship (Fall 2018 & Spring 2019)

## **UNIVERSITY OF WISCONSIN-GREEN BAY**

Regional Research Award from Psi Chi Honors Society (Spring 2012)

Chancellor's Leadership Medallion (Spring 2012)

Academic Excellence Certificate (Spring 2011 and Spring 2012)

Posters in the Rotunda – Certificate of Appreciation (Spring 2012)

Who's Who Among Students in American Universities and Colleges (Fall 2012)

## **PROFESSIONAL AFFILIATIONS AND SERVICE**

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### **PROFESSIONAL MEMBERSHIPS**

Society for Research in Child Development (Summer 2018 – Present)

American Educational Research Association (Fall 2018 – Present)

Measurement and Research Methodology – Div. D (Fall 2018 – Present)

Research Evaluation, and Assessment in Schools – Div. H (Spring 2022 – Present)

Early Education and Child Development SIG (Fall 2018 – Present)

Bilingual Education and Research SIG (Spring 2022 – Present)

Language and Social Processes SIG (Spring 2022 – Present)

Research in Reading and Literacy SIG (Spring 2022 – Present)

Psi Chi Honor Society (Spring 2010 – Present)

Phi Kappa Phi Honor Society (Fall 2011 – Present)

### **PROFESSIONAL SERVICE**

Ad-hoc journal referee

Child Development

Journal of Early Childhood Literacy

Child and Youth Care Forum

Conference proposal reviewer – National Research Conference on Early Childhood 2020

Mentor/Mentee Reviewer – Society for Research in Child Development (Fall 2018)

Ad-hoc conference proposal reviewer - American Reading Forum Conference (Summer 2017)

### **UNIVERSITY SERVICE**

HDFS Diversity Equity and Inclusion Committee (Fall 2021 – Spring 2022)

HDFS and HSEO Faculty Search Committee (Fall 2021 - Spring 2022)

HDFS Diversity Equity and Inclusion Coordinating Committee (Spring 2021- Fall 2021)

Peer review group – Social Sciences (Spring 2020)

Treasurer – Student Community Engagement Club (Spring 2020)

Treasurer – HDFS Graduate Student Network (Fall 2019 – Present)

## **COMMUNITY SERVICE**

Co-chairperson – Story County Reads – School Readiness Subcommittee  
(Fall 2017 – Spring 2020)

Steering Committee Member – Story County Reads (Fall 2016 – Present)

Steering Committee Member – Small Talk Story County (Spring 2016 – Present)

Ames Morning Rotary (Spring 2018 – Present)

Story County Prevention Policy Board (Summer 2019 – Present)

## **COMMUNITY PRESENTATIONS**

“Early Childhood Language Development” – Presentation given to First Book Award Members  
(Spring 2020)

“Understanding of Dual Language Learners' Development and Applications in Early Care and  
Education Settings” – Presentation given to Ames Community Preschool Center (Fall 2019)

“Investing in Early Language and Literacy” – Presentation given to Ames Morning Rotary  
(Summer 2018)

“Early Language and Literacy” – Presentation given to Ames Community Preschool Center  
(Fall 2018)

## **TEACHING EXPERIENCE**

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### **INSTRUCTOR OF RECORD**

HDFS 342 – Guidance and Group Management in Early Childhood, Iowa State University  
Overall Rating of Course: **4.67/5.00**; Overall Rating of Instructor: **4.83/5.00** (Spring 2022)

HDFS 342 – Guidance and Group Management in Early Childhood, Iowa State University.  
Overall Rating of Course: **4.59/5.00**; Overall Rating of Instructor: **4.76/5.00** (Fall 2021)

HDFS 102 - Individual and Family Development, Health, and Well-being, Iowa State University  
Overall Rating: 4.38/5.00 (Fall 2020)

### **TEACHING INTERN**

Development in Young Children: Birth through Age 8, Iowa State University (Fall 2019)  
Instructor: Katie Bangert, M.Ed.

### **TEACHING ASSISTANT**

Reading and Responding to Children’s Literature, Iowa State University (Summer 2018)  
Instructor: Dr. Constance Beecher

Introduction to Cognitive Psychology, University of Houston (Summer 2013)  
Instructor: Victoria Wagner

Child Development, University of Houston (Fall 2013)  
Instructor: Duc Tran

Child Development, University of Houston (Spring 2014)  
Instructor: Joseph Burling

## **COMMUNITY PROGRAMS**

Connections Matter, Marshalltown Public Library (Fall 2015)

LENA Smarter Happier Baby, Ames Public Library (Spring 2016 – Fall 2016)

LENA Start, Ames Public Library, Marshalltown Public Library (Spring 2017 – Fall 2019)

Talk With Me Baby, Mary Greely Medical Center, Ames, IA (Spring 2018 – Fall 2018)

## **RELEVANT WORK EXPERIENCE**

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### **Graduate Assistant – University Translational Research Network (U-TuRN)**

Managing the network’s website, helping with internal operation of the network, planning and offering monthly meetings and “Engaged Scholar” presentations  
Iowa State University, Ames, IA (August 2019 – May 2020)

### **Small Talk Project Coordinator**

Coordinating staff, data, planning, and reporting of LENA Start parenting intervention in three counties.  
Ames Public Library, Ames, IA (June 2018 – April 2019)

### **Every Child Ready Project Coordinator**

Planning and implementation of school readiness campaign in Marshalltown, IA.  
Mid-Iowa Community Action, Inc., Marshalltown, IA (Sept. 2015 – Aug. 2016)

### **Early Head Start/Head Start Family Development Specialist**

Caseworker and support for 40 Head Start and Early Head Start families.  
Mid-Iowa Community Action, Inc., Marshalltown, IA (Sept. 2014 – Sept. 2015)

### **Summer Program School-Aged Teacher**

Provided developmentally enriching activities and cared for school aged children in a summer program.  
Bright Beginnings Childcare Services, Green Bay, WI (Summer 2011 and Summer 2012)

## **REFERENCES**

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Available by request.