BIOGRAPHICAL SKETCH

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NAME Rebecca Custead, M.A.	POSITION TITLE Pre-Doctoral Researcher
eRA COMMONS USER NAME RCUSTEAD	Communication Neuroscience Laboratories

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University of Illinois	BSN	1992	Nursing
University of Kansas	MA	2009-2011	Speech-Language-Hearing
University of Nebraska	PhD	Present	Communication Disorders Neuroscience

A. Personal Statement

Rebecca Custead started her career as a registered nurse focusing on adult critical care before transitioning into doctoral study in Communication Disorders at the University of Kansas. She transferred to the University of Nebraska as part of the Barlow laboratory move in 2013. Rebecca is doctoral candidate in SECD and Human Sciences, and is in the dissertation phase of her research emphasizing dynamic neurophysiology associated with sensorimotor function in both health and disease. Her primary research interests include assessing nervous system changes linked to stroke and traumatic brain injury, and pursuing methods that promote beneficial functional outcomes. Her graduate research focuses on direct applications geared toward fostering robust recovery and improving communication for individuals in both the acute and subacute stages of neuro-compromise.

B. Positions and Honors

Positions and Employment

1992-1993	RN; Adult OR Step-Down (Staff), Truman Medical Center, Kansas City, MO.
1993-1996	RN; Adult and Pediatric ER, SICU, MICU, BURN (Staff), Doctor's Hospital of Hyde Park, Mount Sinai Trauma Center and Rush-Presbyterian Medical Center, Chicago, IL.
1996-2003	RN; Adult ICU/CCU (Charge/Staff), Overland Park Regional Trauma Center, Overland Park, KS.
2003-2004	RN; Adult CCU (Charge/Staff), St. Luke's Hospital and Heart Institute, Kansas City, MO.
2010-2013	Graduate Research Assistant, Communication Neuroscience Laboratories, University of Kansas, Lawrence, KS.
2014-present	Graduate Research Assistant, Communication Neuroscience Laboratories, University of Nebraska, Lincoln, NE.

Honors and Awards

1992	Phi Beta Kappa (Undergraduate Honors)
2009	Vocational Rehabilitation Graduate Study and Teaching Scholarship (State of Kansas)
2009-2010	Sigma Alpha Lamda (Graduate Honors Speech-Language, University of Kansas)
2009-2011	Golden Key International Honors (Undergraduate-Graduate)
2010-Present	Vocational Rehabilitation Pre-Doctoral Study and Teaching Scholarship (State of Kansas)

Professional Affiliations

American Heart Association Professionals Network (active member)
American Association of Critical Care Nurses (active member)
American Speech-Language-Hearing Association (active member)
The Neurovascular Research Foundation (active member, former coordinator)
Emergency Medical Services and Disaster Responder, Public Educator, American Red Cross, Kansas City, MO. (active member)

C. Peer-reviewed Publications

1. Custead R, Oh H, Rosner AO, Barlow S. Adaptation of the cortical somatosensory evoked potential following pulsed pneumatic stimulation of the lower face in adults. Brain Research 2015, June 26, pii: S0006-8993(15)00496-5. doi: 10.1016/j.brainres.2015.06.025. [Epub ahead of print].

Invited Scientific Presentations

N/A

Scientific Presentations

1. Custead, R, Oh, H, Oder, A, Barlow, SM. (2013). Adaptation of the cortical somatosensory evoked potential following pneumatic stimulation of the face in adults. *Society for Neuroscience*. 644.12723.
2. Custead, R, Oh, H, Oder, A, Barlow, SM. (2014). Adaptation of the cortical somatosensory evoked potential following pneumatic stimulation of the face in adults. *International Motor Speech Conference*, February.
3. Custead R, Oh H, Barlow SM. (2015). Encoding of saltatory tactile velocity in the human orofacial somatosensory system using fMRI. *Society for Neuroscience*, Nanosymposium, 016. 8192.