

Karen N. Bryant
Department of Communication Sciences and Disorders

EDUCATION AND PROFESSIONAL HISTORY

Higher Education

- 2008 **PhD**, Speech-Language Pathology, University of Iowa
Thesis: Inter-Judge Reliability of Videofluoroscopic Swallow Measures; Thesis
Supervisor: Associate Professor Eileen Finnegan
- 1989 **MS**, Speech Pathology, University of Wisconsin
- 1984 **BA**, Communicative Disorders, Augustana College

Professional and Academic Positions

- 2010 - Present **Associate Clinical Professor**, University of Iowa
- 2017 - 2020 **Clinic Director**, Communication Sciences and Disorders, University of Iowa
- 2013 - 2017 **Director of SLP Clinical Education**, University of Iowa
- 2014 **Visiting Professor**, New Mexico State University
- 2012 **Visiting Professor**, University of Hawai'i at Mānoa, John A. Burns School of Medicine
- 2003 - 2010 **Assistant Clinical Professor**, University of Iowa and University of Iowa Hospital and Clinics
- 2001 - 2004 **Speech-Language Pathologist, various locations**, Mercy Medical Center, Thera Peak, Veterans Hospital, HCR Manor Care
- 2001 - 2003 **Research and Teaching Assistant, Department of Speech Pathology and Audiology**, University of Iowa

Honors and Awards

- 2019 - Present **Mentored student: Mary E. Wille**, ICRU Research Fellows Program, Primary Progressive Apraxia of Speech: A systematic Review
- 2015 **Mentored student: Zoe Linn**, ICRU Research Fellows Program Mentee/Mentor, Mentored an honors thesis project (student - Zoe Linn): Inter-rater Reliability of Novice and Expert Judgments in Identification of Deviant Speech Characteristics in Patients with Parkinson's Disease after Deep Brain Stimulation. Ms. Linn was awarded funding through the ICRU Research Fellows Program.

Professional Memberships/Service

- American Speech-Language-Hearing Association
Iowa Speech-Language-Hearing Association
- 2019 - Present Iowa Board of Speech Pathology and Audiology, Member
- 2010 - Present Dysphagia, Reviewer, Publications
- 2010 - Present Parkinsonism and Related Disorders, Reviewer, Publications
- 2019 - 2020 Iowa Speech-Language-Hearing Association, VP of Medical, Clinical, and Private Settings
- 2018 - 2020 Iowa Speech-Language-Hearing Association, State Advocate for Reimbursement, Volunteer
- 2016 - 2018 American Speech-Language-Hearing Association, Advisory Board, Member
- 2016 - 2018 Iowa Speech and Hearing Association, ISHA CE Committee, Member
- 2014 - 2015 Council of Academic Programs in Communication Sciences and Disorders, Planning Committee, Member
- 2014 Swallowing and Huntington's Disease, Huntington's Disease Education Workshop
- 2012 American Speech and Hearing Association (ASHA) Conference, Panel presenter
- 2008 Invited full day workshop at the Iowa Speech and Hearing Association Meeting
- 2008 ORL Journal on "Swallowing Exercises Improve Swallow Function after Chemoradiation" published in The Laryngoscope, Reviewer, Publications

TEACHING
Courses Taught at the University of Iowa

Term	Course#	Title	Enrollment
Summer 2021	CSD:5301:0001	Practicum: Speech-Language Pathology	8
Spring 2021	CSD:5236:0001	Neuro Disorders of Speech & Swallowing	20
Fall 2020	CSD:5301:0001	Practicum: Speech-Language Pathology	49
Fall 2020	CSD:4115:0001	Structural Disorders: Swallow Disorder Section	
Summer 2020	CSD:5301:0001	Practicum: Speech-Language Pathology	24
Spring 2020	CSD:5301:0001	Practicum: Speech-Language Pathology	24
Spring 2020	CSD:3993:7301	Research Practicum	2
Fall 2019	CSD:5301:0001	Practicum: Speech-Language Pathology	43
Fall 2019	CSD:3993:6344	Research Practicum	2
Summer 2019	CSD:5301:0001	Practicum: Speech-Language Pathology	22
Summer 2019	CSD:7590:5685	Research	1
Spring 2019	CSD:7590:4192	Research	1
Spring 2019	CSD:3993:3364	Research Practicum	2
Fall 2018	CSD:5137:0001	Foundations of Clinical Practice III	25
Fall 2018	CSD:5301:0001	Practicum: Speech-Language Pathology	45
Fall 2018	CSD:7590:1807	Research	1
Fall 2018	CSD:3993:2462	Research Practicum	2
Fall 2018	CSD:4115:0001	Structural Disorders	35
Summer 2018	CSD:5301:0001	Practicum: Speech-Language Pathology	25
Summer 2018	CSD:7590:1592	Research	1
Summer 2018	CSD:3993:1172	Research Practicum	1
Spring 2018	CSD:5236:0001	Neuro Disorders of Speech & Swallowing	25
Spring 2018	CSD:5301:0001	Practicum: Speech-Language Pathology	23
Spring 2018	CSD:7590:9871	Research	1
Spring 2018	CSD:3993:0122	Research Practicum	2
Fall 2017	CSD:5137:0001	Foundations of Clinical Practice III	23
Fall 2017	CSD:5301:0001	Practicum: Speech-Language Pathology	47
Fall 2017	CSD:7590:7355	Research	1
Fall 2017	CSD:4115:0001	Structural Disorders	29
Summer 2017	CSD:5301:0001	Practicum: Speech-Language Pathology	22
Spring 2017	CSD:4147:0001	Neurogenic Disorders of Speech	23
Spring 2017	GRAD:7400:0015	Practicum in College Teaching	1
Spring 2017	CSD:5301:0001	Practicum: Speech-Language Pathology	25
Spring 2017	CSD:7590:5326	Research	1
Spring 2017	CSD:5304:0001	Speech Pathology Outplacement: School	6
Spring 2017	CSD:5305:0001	Speech Pathology Outplacement: Non-School	21
Spring 2017	CSD:5236:0001	Swallowing Disorders	24
Fall 2016	CSD:5137:1	Foundations of Clinical Practice III	23
Fall 2016	CSD:5301:1	Practicum: Speech-Language Pathology	48
Fall 2016	CSD:5304:1	Speech Pathology Outplacement: School	1
Fall 2016	CSD:4115:1	Structural Disorders	34
Summer 2016	CSD:5301:1	Practicum: Speech-Language Pathology	23
Spring 2016	CSD:5136:0001	Foundations of Clinical Practice II	23

Spring 2016	CSD:4147:0001	Neurogenic Disorders of Speech	25
Spring 2016	CSD:5301:0001	Practicum: Speech-Language Pathology	24
Spring 2016	CSD:7590:0025	Research	1
Spring 2016	CSD:5304:0001	Speech Pathology Outplacement: School	9
Spring 2016	CSD:5305:0001	Speech Pathology Outplacement: Non-School	25
Fall 2015	CSD:5135:0001	Foundations of Clinical Practice I	22
Fall 2015	CSD:5137:0001	Foundations of Clinical Practice III	26
Fall 2015	CSD:4098:0025	Honors Thesis	1
Fall 2015	CSD:5301:0001	Practicum: Speech-Language Pathology	47
Summer 2015	CSD:4098:0025	Honors Thesis	1
Summer 2015	CSD:5301:0001	Practicum: Speech-Language Pathology	26
Spring 2015	CSD:5136:0001	Foundations of Clinical Practice II	26
Spring 2015	CSD:4147:0001	Neurogenic Disorders of Speech	30
Spring 2015	CSD:5301:0001	Practicum: Speech-Language Pathology	27
Spring 2015	CSD:5304:0001	Speech Pathology Outplacement: School	11
Spring 2015	CSD:5305:0001	Speech Pathology Outplacement: Non-School	23
Fall 2014	CSD:5135:0001	Foundations of Clinical Practice I	26
Fall 2014	CSD:5137:0001	Foundations of Clinical Practice III	24
Fall 2014	CSD:5301:0001	Practicum: Speech-Language Pathology	49
Summer 2014	003:301:001	Practicum: Speech-Language Pathology	24
Spring 2014	003:233:001	Aphasia	8
Spring 2014	003:301:001	Practicum: Speech-Language Pathology	24
Spring 2014	003:304:001	Speech Pathology Outplacement: School	10
Spring 2014	003:305:001	Speech Pathology Outplacement: Non-School	18
Fall 2013	003:135:001	Foundations of Clinical Practice I	24
Fall 2013	650:380:006	Practicum in College Teaching	1
Fall 2013	003:301:001	Practicum: Speech-Language Pathology	49
Fall 2013	003:115:001	Structural Disorders	33
Summer 2013	003:301:001	Practicum: Speech-Language Pathology	25
Summer 2013	003:305:001	Speech Pathology Outplacement: Non-School	1
Spring 2013	003:136:001	Foundations of Clinical Practice II	25
Spring 2013	003:301:001	Practicum: Speech-Language Pathology	25
Spring 2013	003:304:001	Speech Pathology Outplacement: School	10
Spring 2013	003:305:001	Speech Pathology Outplacement: Non-School	20
Fall 2012	003:301:001	Practicum: Speech-Language Pathology	46
Fall 2012	003:115:001	Structural Disorders	40
Spring 2012	003:301:001	Practicum: Speech-Language Pathology	50
Spring 2012	003:590:025	Research	1
Fall 2011	003:186:025	Probs: Sp/Hearing Processes & Disorders	1
Fall 2011	003:590:025	Research	1
Fall 2011	003:115:001	Structural Disorders	31
Summer 2011	003:590:025	Research	1
Fall 2010	003:115:001	Structural Disorders	36

SCHOLARSHIP

Publications

CLAS * System * = Senior Author, Major Contribution, ** = Secondary Contribution *** = Equal Contribution, **** = Minor Contribution

Refereed Articles

1. ** Hurtig, R., Alper, R. M., Bryant, K., Davidson, K., Bilskemper, C. (2019). Improving patient safety and patient-provider communication. *Perspectives of the ASHA Special Interest Group*, 4, 1017-1027.
2. * Bryant, K. N., Finnegan, E., Berbaum, K. (2012). VFS Inter-Judge Reliability Using a Free & Directed Search. *Dysphagia*, 27(1), 53-63.
3. * Bryant, K. N., Dawson, C. (2008). Media review article for the ORL Journal: Swallowing Exercises Improve Swallow Function after Chemoradiation. *The Laryngoscope*.
4. *** Sharp, H., Bryant, K. (2003). Ethical Issues in Managing Patients with Dysphagia: when patients refuse assessment or treatment. *Seminars in Speech-language Pathology*, 24(4), 285-300.

Grants and Contracts

Funded

- Jan 2020 *Role of Subthalamic nucleus in Speech and Movement among people with Parkinson's as Revealed by Intraoperative Recordings and Deep Brain Stimulation*
Funded by NIH. Percent effort: 10. Investigator/s Jeremy Greenlee (Principal Investigator), Karen N Bryant (Co-Investigator).
- Apr 2018 - Apr 2019 *Parkinson's Voice Project Grant*
Funded by Parkinson's Voice Project. Award amount: (\$2,000.00). Investigator/s Karen N Bryant (Multi-PI), Ann Fennell (Multi-PI).

Not Funded

- Jun 2017 *Using Video to Persuade People with Parkinson's Disease to Seek Voice Therapy*
Funded by National Academy of Sciences. Investigator/s Lisa M Kopf (Co-Investigator), Karen N Bryant (Co-Investigator), Jina Huh (Co-Investigator).
- Jul 2014 - Jun 2016 *Investigating Speech Effects of Deep Brain Stimulation in Parkinson's Disease*
Investigator/s Jeremy Greenlee (Principal Investigator), Laura Ponto (Co-Investigator), Richard Reale (Co-Investigator), Karen N Bryant (Co-Investigator).

Unknown Current Status

- Mar 2020 *Parkinson's Voice Project*
Investigator/s Karen Bryant.

Invited Lectures and Conference Presentations

National

- 2012 American Speech and Hearing Association Conference, *Invited Panel Presenter: Genius or Madness: SLP doctorate*, Atlanta, Georgia Presenters/Authors: Bryant, Karen

Conference Presentation

International

- 2018 Eleventh International Conference on the Mental Lexicon, *Phonemic and Semantic Verbal Fluency in Bilingual Lakota-English Speakers*, Edmonton, Canada
- 2012 *Video nasendoscopy for the purposes of swallowing and velopharyngeal assessment by speech-language pathologists in a medical setting*, Iowa City, Iowa
Presenters/Authors: Karnell, M., Bryant, Karen, Dailey, S.

National

- 2018 CAPCSD, *What to do: students' religious beliefs and clinical training*, Austin, Texas, United States Peer-Reviewed/Refereed Presenters/Authors: Fennell, Ann, Bryant, Karen
- 2016 CAPCSD Annual Conference, *Psychological Factors and Success in Clinical Speech-Language Graduate Programs*, San Antonio, Texas, United States
Presenters/Authors: Alper, Rebecca, Hurtig, Richard, Louko, Lindal, Bryant, Karen
- 2015 ASHA 2015 Convention, *Factors Related to Graduate Student Success in Clinical Speech-Language Training Programs*, Denver, Colorado, United States
Presenters/Authors: Alper, Rebecca, Louko, Linda, Hurtig, Richard, Bryant, Karen

- 2014 CAPCSD Annual Conference, *An Innovative Practicum Model: Developing Mentoring and Coaching Skills*, Orlando, Florida, United States Presenters/Authors: Bryant, Karen, Delsandro, Elizabeth
- 2012 American Speech and Hearing Association Conference, *SLP Doctorate*, Atlanta, Georgia, United States
- 2011 American Speech and Hearing Association Conference, *Reflective Writing in Graduate Clinician Training*. Presenters/Authors: Bryant, Karen, Louko, Linda, Zebrowski, Patricia
- 2008 American Speech and Hearing Association Conference, *VFS Inter-judge reliability using a free and directed search.*, Chicago, Illinois, United States Presenters/Authors: Bryant, Karen, Finnegan, Eileen
- 2003 American Speech and Hearing Association Conference, *SLP's Involvement prior to gastrostomy tube placement*. Presenters/Authors: Bryant, Karen, Sharp, Helen

Regional

- 2011 Midwest Clinic Director's Meeting, *Reflective Writing in Graduate Clinician Training*. Presenters/Authors: Bryant, Karen, Louko, Linda, Zebrowski, Patricia
- 2003 *Dysphagia Management: Clinical outcomes and the impact on quality of life.*, Western Michigan University, Kalamazoo, Michigan, United States Presenters/Authors: Bryant, Karen

State

- 2012 Acute Care Setting Neuroscience Nursing Conference, *Swallow Screening to Dysphagia Management*, Iowa City, Iowa Presenters/Authors: Bryant, Karen
- 2010 *Video nasendoscopy for the purposes of swallowing and velopharyngeal assessment by speech-language pathologists in a medical setting* Presenters/Authors: Bryant, Karen
- 2010 Integrating the Art and Science of Neuroscience Nursing, *Neurogenic Swallowing Disorders*, Iowa City, Iowa, United States Presenters/Authors: Bryant, Karen

Grand Rounds**University**

- 2010 *Neurogenic Motor Speech Disorders* Presenters/Authors: Bryant, Karen
- 2009 *A Taste of Swallowing* Presenters/Authors: Bryant, Karen
- 2005 *Dysphagia Screening Tool* Presenters/Authors: Bryant, Karen

Guest Speaker**Local**

- 2018 *Swallow and Speech Disorders: Caring for Patients with Parkinson's Disease*, Iowa City, Iowa, United States

National

- 2014 *Speech-language and swallowing difficulties*, Webinar – Huntington's Disease Society of America Family Guide Presenters/Authors: Bryant, Karen

University

- 2014 *Oral Pharyngeal Motility Studies*, Radiology Department Presenters/Authors: Bryant, Karen
- 2011 *Nursing Swallow Screen* Presenters/Authors: Bryant, Karen
- 2009 *Nursing Swallow Screen* Presenters/Authors: Bryant, Karen
- 2006 *Dysphagia* Presenters/Authors: Bryant, Karen Yearly lecture given: 2003,2004,2005,2006

Invited Lecture**Department**

- 2012 Presented in Swallowing Disorders (003-236), *Swallowing Disorders: Case Presentations* Presenters/Authors: Bryant, Karen
- 2012 Presented in Foundations of Clinical Practice II (003:136), *Speech - Language pathology in medical settings* Presenters/Authors: Bryant, Karen
- 2011 Presented in Introduction to Speech and Hearing Processes (003:015), *Swallowing Disorders* Presenters/Authors: Bryant, Karen
- 2011 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings* Presenters/Authors: Bryant, Karen
- 2011 Presented in Foundations of Clinical Practice II (003:136), *Reflective Writing*

- Presenters/Authors: Bryant, Karen
- 2010 Presented in Introduction to Speech and Hearing Processes (003:015), *Swallowing Disorders*
- 2010 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings*
- 2010 Presented in Foundations of Clinical Practice II (003:136), *Reflective Writing*
- Presenters/Authors: Bryant, Karen
- 2009 Presented in Introduction to Speech and Hearing Processes (003:015), *Motor Speech Disorders* Presenters/Authors: Bryant, Karen
- 2009 Presented in Structural Disorders (003:115), *Clinical Swallow Assessment*
- Presenters/Authors: Bryant, Karen
- 2008 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings*
- 2008 Swallowing Disorders (003:236), *Swallowing and Neurological Disorders*
- Presenters/Authors: Bryant, Karen
- 2007 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings* Presenters/Authors: Bryant, Karen
- 2006 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings*
- 2006 Presented in Swallowing Disorders (003-236), *Swallowing and Neurological Disorders*
- Presenters/Authors: Bryant, Karen
- 2005 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings* Presenters/Authors: Bryant, Karen
- 2005 Presented in Swallowing Disorders (003-236), *Swallowing and Neurological Disorders*
- Presenters/Authors: Bryant, Karen
- 2004 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings* Presenters/Authors: Bryant, Karen
- 2004 Presented in Swallowing Disorders (003-236), *Swallowing and Neurological Disorders*
- Presenters/Authors: Bryant, Karen
- 2003 Presented in Swallowing Disorders (003-236), *Swallowing and Neurological Disorders*
- Presenters/Authors: Bryant, Karen
- 2002 Presented in Foundations of Clinical Practice II (003:136), *Speech-Language Pathology in Medical Settings* Presenters/Authors: Bryant, Karen
- 2002 Presented in Swallowing Disorders (003-236), *Swallowing and Neurological Disorders*
- Presenters/Authors: Bryant, Karen

National

- 2014 HDSA Family Guide Series, *Speech-Language and Swallowing Difficulties in Huntington's Disease* Presenters/Authors: Bryant, Karen

University

- 2012 Nursing Competency Training, *Nursing Swallow Screen* Presenters/Authors: Bryant, Karen

Poster**International**

- 2012 Dysphagia Research Society Meeting, *Vallecular space using different head positions during endoscopy: chin down, chin tuck, chin up, and head neutral*, Toronto, Canada
Presenters/Authors: Dean, M., Bryant, Karen, Moon, J., Karnell, M., Van Daele, D.

National

- 2019 American Speech and Hearing Association Convention, *Primary Progressive Apraxia of Speech: A Case Study of a 76-Year-Old-Female*, Orlando, Florida
Presenters/Authors: Bryant, Karen Student Presenters/Authors: Jordan, Larissa, Simon, Abigail
- 2018 American Speech and Hearing Association Convention, *Automatic Semantic Priming in Individuals with Alzheimer's Disease: A Meta-Analysis*, Boston, Massachusetts, United States
- 2017 ASHA 2017, *Speech and Voice Outcomes in People with Parkinson's Disease after STN-DBS vs. GPI-DBS.*, Los Angeles, California Presenters/Authors: Kopf, Lisa,

- Bryant, Karen, Greenlee, Jeremy
 2015 ASHA 2015 Convention, *The Effects of Neuromuscular Electrical Stimulation Training on the Electromyographic Power Spectrum of Suprahyoid Musculature*, Denver, Colorado, United States Presenters/Authors: Moon, Jerald, Shields, Richard, Bryant, Karen Student Presenters/Authors: Eddy, Brandon
- University**
 2019 Fall Undergraduate Research Festival, *Characterizing Primary Progressive Apraxia of Speech: A Case Study of a 76 Year-old Female*, University of Iowa, Iowa City Presenters/Authors: Bryant, Karen Student Presenters/Authors: Jordan, Larissa, Wille, Mary, Simon, Abigail
 2019 Fall Undergraduate Research Festival, *Primary Progressive Apraxia of Speech: A Systematic Review*, University of Iowa, Iowa City Presenters/Authors: Bryant, Karen Student Presenters/Authors: Jordan, Larissa, Wille, Mary
 2015 Annual Fall Undergraduate Research Festival (FURF), *Inter-rater Reliability of Novice and Expert Judgments in Identification of Deviant Speech Characteristics in Patients with Parkinson's Disease after Deep Brain Stimulation.*, University of Iowa, Iowa City, Iowa, United States Presenters/Authors: Karen, Bryant Student Presenters/Authors: Linn, Zoe
- Seminar**
University
 2016 Proseminar, *Speech and Swallow Performance Following STN vs. GPI DBS*, Iowa City, Iowa, United States Presenters/Authors: Bryant, Karen, Greenlee, Jeremy
 2003 Proseminar, *Utilization of gastrostomy tube feeding.*, Iowa City, Iowa, United States Presenters/Authors: Bryant, Karen, Sharp, Helen
- Workshop**
State
 2017 Iowa Speech and Hearing Association, *Applying evidence to clinical supervision*, Iowa Speech and Hearing Association, Iowa City, Iowa, United States Presenters/Authors: Bryant, Karen, Subramanian, Anu
 2014 *Swallowing and Huntington's Disease*, Huntington's Disease Education Workshop, Des Moines, Iowa, United States Presenters/Authors: Bryant, Karen
 2012 Invited full day workshop at University of Hawai'i at Mānoa, John A. Burns School of Medicine, *Management and Treatment of Neurogenic Speech and Swallowing Disorders* Presenters/Authors: Bryant, Karen
 2008 Invited full day workshop at the Iowa Speech and Hearing Association Meeting. Iowa City, Iowa. October 2008, *Motor Speech and Swallowing Disorders*, Iowa City, Iowa, United States Presenters/Authors: Bryant, Karen
- University**
 2006 *Tracheostomy: Speech and Swallowing* Presenters/Authors: Bryant, Karen

SERVICE TO THE INSTITUTION

Department

- 2021 Fall Admissions Committee - Chair
 2021 Fall Proseminar Committee
 2018 - 2020 Professional Productivity Work Group
 2017 - Present Search committee
 2013 - 2020 Curriculum committee
 2018 - 2020 Clinic Executive Committee
 2017 - 2020 Clinic Billing committee, Chair
 2013 - 2020 Executive committee
 2016 - 2018 Admission's Committee, Member
 2014 - 2016 Summative committee

University

2016 - Present Patient Diversity, Member
2020 IPE@Iowa, Discussant