

RACHAEL HERNANDEZ

Curriculum Vitae

EDUCATION

Ph.D.	Health Communication Bioethics (Minor) Indiana University-Purdue University Indianapolis Advisor: Sandra Petronio, Ph.D.	2019
M.A.	Communication Texas A&M University Advisor: Barbara Sharf, Ph.D.	2010
B.S.	Communication The University of Texas at Austin	2008

PUBLICATIONS

Hernandez, R.A., Colaner, C. (2022) “The stakes are so high and it’s happening so fast”: Adult children’s perceptions of family role shifts during the COVID-19 pandemic. *Journal of Social and Personal Relationships*.

Hernandez, R., & Ebersole, D. (2022). Parents’ and children’s privacy management about sensitive topics: A dyadic study. *Journal of Family Issues*,
<https://doi.org/10.1177/0192513X21993192>

***Hernandez, R.A.,** Ranjit, Y., Collins, C. (2021). "Can I hit our JUUL?": The negotiation of vaping and dating among young people. *Health Communication*.
<https://doi.org/10.1080/10410236.2021.1988391>

Hernandez, R. (2021). “It’s always among us. I can’t act like it’s not.”: Women college students’ perceptions of physicians’ implicit bias. *Health Communication*, 1-11.
<https://doi.org/10.1080/10410236.2021.1932107>

Hernandez, R.A. (2021). Communication and implicit bias in medicine. *Wiley-Blackwell's International Encyclopedia of Health Communication*.

Hernandez, R. A., & Colaner, C. (2021). “This is not the hill to die on. Even if we literally could die on this hill”: Examining communication ecologies of uncertainty and family communication about COVID-19. *American Behavioral Scientist*, 65(7), 956-975.

Hernandez, R., & Petronio, S. (2020). “Starting that conversation is even harder than having it”: Female patients’ perceptions of physicians’ communication competence in communication about sexual behavior. *Journal of Health Communication*, 1-8.
<https://doi.org/10.1080/10810730.2020.1864518>

- Hernandez, R.** (2020). (Mis) perceptions of HIV and HPV among female college students: a qualitative study. *Sexual Health, 17*(5), 414-420.
- Hoffmann-Longtin, K. J., & **Hernandez, R. A.** (2020). If I Quit in the Clinic and Do Nothing but Teach, I'm Going to Be Looking for a New Job: An Exploration of Uncertainty Management in Medical Education. *Communication Studies, 71*(5), 724-739.
- Hernandez, R.A.** Hoffmann-Longtin, K, Patrick, S, Tucker-Edmonds, B, Rucker, S, Livingston, N. (2020). The conscientious use of images illustrating diversity in medical education marketing. *Academic Medicine, 95*(12), 1807–1810. doi:10.1097/ACM.0000000000003503
- Petronio, S. & **Hernandez, R.** (2019). “Communication Privacy Management Theory.” In *Oxford Research Encyclopedia of Communication*. Oxford University Press. doi:10.1093/acrefore/9780190228613.013.373
- Bute, J. J., Brann, M., & **Hernandez, R.A.** (2019). Exploring societal-level privacy rules for talking about miscarriage. *Journal of Social and Personal Relationships, 36*(2), 379-399. doi:10.1177/0265407517731828
- Hernandez, R.A.** (2018). Understanding sorority women’s privacy management about condom use. *Qualitative Health Research, 28*(8), 1342-1353. doi:10.1177/1049732318766506
- Hernandez, R.A.** (2018). Medical students' implicit bias and the communication of norms in medical education. *Teaching and Learning in Medicine, 30*(1), 112-117. doi:10.1080/10401334.2017.1359610
- Ebersole, D. S., & **Hernandez, R. A.** (2016). “Taking good care of our health”: Parent-adolescent perceptions of boundary management about health information. *Communication Quarterly, 64*(5), 573-595. doi.org:10.1080/01463373.2016.1176939
- Smith, R. A., **Hernandez, R.A.**, & Catona, D. (2014). Investigating initial disclosures and reactions to unexpected, positive HPV diagnosis. *Western Journal of Communication, 78*(4), 426-440. doi:10.1080/10570314.2013.786120
- Hernandez, R. A.**, Haidet, P., Gill, A.C., & Teal, C.R. (2012). Fostering students' reflection about bias in healthcare: Cognitive dissonance and the role of personal and normative standards. *Medical Teacher, 35*(4), e1082-e1089. doi: 10.3109/0142159X.2012.733453
- Searle, N., Teal, C., Boyd, R., Friedland, J., Weigel, N., **Hernandez, R.A.**, Lomax, J., Coburn, M., Nelson, E. (2012). A standards-based, peer-reviewed teaching award to enhance a medical school's teaching environment and inform the promotions process. *Academic Medicine, 87*(7), 870-876. doi: 10.1097/ACM.0b013e3182584130

PUBLICATIONS UNDER REVIEW AND IN PREPARATION

*Leverenz, A., **Hernandez, R.A.** Uncertainty Management Strategies in Communication about Urinary Tract Infections. *Under review.*

***Hernandez, R.A.**, Ranjit, Y., Collins, C. “I’m committed, not addicted.”: Trends in college students’ identity and peer communication about vaping. *Manuscript.*

Hernandez, R.A., Meisenbach, R. Intimate partner and physician-patient communication about urinary tract infections. *In analysis.*

TEACHING EXPERIENCE

Assistant Professor	University of Missouri- Columbia Health Communication Public Health Communication	2021-
Instructor	University of Missouri- Columbia Health Communication- (1 Section Online, 1 In Person) Public Health Communication- (1 Section Online, 1 In Person)	2020-2021
Instructor	Indiana University Purdue University- Indianapolis Interpersonal Communication (1 Section)	2019
Adjunct Professor	Marian University Public Speaking (3 Sections)	2016-2017
Mentor	Pennsylvania State University Instructor Mentorship Program	2012-2013
Instructor	Pennsylvania State University Effective Speech (9 Sections) Communication and Technology (7 Sections) Group Communication (2 Sections)	2011-2014
Instructor	Texas A&M University Public Speaking (9 Sections)	2008-2010

PROFESSIONAL EMPLOYMENT

Assistant Professor **University of Missouri- Columbia** 2021-
Engages in research, teaching, and service in the Department of Communication. Also appointed in the Department of Public Health.

Postdoctoral Research Fellow, University of Missouri 2019-Present
Preparing Future Faculty – Faculty Diversity Postdoctoral fellow appointed in the Department of Communication and affiliated with the Department of Public Health

- Communication Coordinator, Indiana University School of Medicine 2016-2019
Developed promotional and training materials for professional development and diversity among faculty in the school of medicine
- Research Assistant, Indiana University-Purdue University Indianapolis 2015-2019
Research conducted with Dr. Sandra Petronio, Dr. Jennifer Bute, and Dr. Krista Hoffmann-Longtin regarding topics in privacy management and medical education
- Research Assistant, Indiana School of Medicine 2016
Research conducted with Dr. Krista Hoffman-Longtin regarding the best practices for the Liaison Committee on Medical Education (LCME) reaccreditation, including issues regarding diversity
- Research Associate, Baylor College of Medicine 2010-2012
Research with Dr. Cayla Teal and Dr. Paul Haidet regarding the best practices of training medical students to recognize and address implicit bias in their interactions with patients
- Research Associate, Baylor College of Medicine, Texas A&M Health Science Center 2010
Interviewed 90 physicians and medical students regarding how relationship-centered values can promote physicians' cultural competence
- Graduate Intern, New York City Department of Health and Mental Hygiene 2009

CONFERENCE PRESENTATIONS

- Leverenz, A., **Hernandez, R.A.** (2022, April). Uncertainty Management Strategies in Communication about Urinary Tract Infections. [Paper presentation] Kentucky Health Communication Conference, Lexington, KY.
- Hernandez, R.A.**, Ranjit, Y., Collins, C. "I'm committed, not addicted.": Trends in college students' identity and peer communication about vaping." [Paper presentation] National Communication Association, Seattle, WA.
- Greene, D., Pardee, J., Bacigalupe, G., Bendeck, S., Cianfarani, M., Dakey, S., Edwards-Capen, T., Gibb, G., Denardo, D., Goertz-Rütten, S., **Hernandez, R.A.**, Ranganath, P., Schneider, J. (2021, July). *Changing Notions of Family in COVID Times: Research in process*. [Poster presentation] 46th Annual Natural Hazards Research and Applications Workshop, online.
- Hernandez, R.A.**, Colaner, C. (2021, May). "This is not the hill to die on. Even if we literally could die on this hill.": Examining communication ecologies of uncertainty and family communication about COVID-19. [Paper presentation] International Communication Association Conference, online.
- Hernandez, R.** Petronio, S. (2020, November). *Female college students' privacy management with physicians about sexual behavior: Perceptions of physicians' communication*

competence. [Paper presentation] National Communication Association Conference, Indianapolis, IN.

Hernandez, R. Ebersole, D. (2020, November). *At the crossroads of parents' and children's privacy management about sensitive topics: A dyadic study*. [Paper presentation] National Communication Association Conference, Indianapolis, IN.

Greene, D., Pardee, J., Bacigalupe, G., Bendeck, S., Cianfarani, M., Dakey, S., Edwards-Capen, T., Gibb, G., Denardo, D., Goertz-Rütten, S., **Hernandez, R.A.**, Ranganath, P., Schneider, J. (2020, July). *Re-defining family during COVID-19: Research in process*. [Poster presentation] 45th Annual Natural Hazards Research and Applications Workshop, Boulder, CO.

Hernandez, R. A. (2020, April). *Female college students' perceptions of physicians' implicit bias*. [Paper presentation] Kentucky Health Communication Conference, Lexington, KY.

Hernandez, R.A. (2018, November). *A measure of college students' privacy management about sexual topics*. [Paper presentation] National Communication Association Conference, Salt Lake City, UT.

Petronio, S., **Hernandez, R.A.**, Vik, T., Thorson, A., Child, J. (2018, November). *The play in teaching communication privacy management theory: The fun of observations and drama of regulating privacy*. [Short course] National Communication Association Conference, Salt Lake City, UT.

Hoffmann-Longtin, K., **Hernandez, R.A.** (2018, November). *Re-Conceptualizing uncertainty in the workplace: An exploration of uncertainty management in medical education*. [Paper presentation] National Communication Association Conference, Salt Lake City, UT.

Petronio, S., **Hernandez, R.**, Vik, T., Thorson, A., Child, J. (2017, November). *Legacy of teaching communication privacy management theory: Relevance to understanding privacy*. [Short course] National Communication Association Conference, Dallas, TX.

Hernandez, R. A. (2017, November). *Developing a measure of college student's management of private information about condom use*. [Poster presentation] Communication, Medicine, and Ethics Conference, Indianapolis, IN.

Hernandez, R. A., Ebersole, D.S. (2017, June). *A spectrum of explicitness: Parent-adolescent perceptions of family privacy management at the intersections of health, technology, and parental drug use*. [Paper presentation] Communication, Medicine, and Ethics Conference, Indianapolis, IN.

Bute, J.J., Brann, M., **Hernandez, R.A.** (2016, November). *Societal-level privacy rules for talking about miscarriage*. [Paper presentation] National Communication Association Conference, Philadelphia, PA.

- Hernandez, R. A.** (2015, November). *Medical students' implicit bias: An examination of the communication of norms in the hidden curriculum.* [Paper presentation] National Communication Association Conference, Las Vegas, NV.
- Hernandez, R.A.,** Sharf, B. (November, 2013). *Connecting with sisters: understanding sorority women's communication privacy management regarding condom use.* [Paper presentation] National Communication Association Conference, Washington, D.C.
- Ebersole, D., Nussbaum, J., Miller-Day, M., & **Hernandez, R.A.** (November, 2013). *Parent-adolescent privacy management regarding personal and family health: A qualitative study about family privacy cultures and boundary management practices.* [Paper presentation] National Communication Association Conference, Washington, D.C.
- Teal, C.R., Jarecke J., **Hernandez R.A.,** Haidet P. (2013, April). *Pathways through the encounter: Comparing experienced clinicians' and students' interactions with patients.* [Paper presentation] Regional Conference of the Southern Group on Educational Affairs of the of the Association of American Medical Colleges, Savannah, GA.
- Eberly, R.A., Gehrke, P.J., **Hernandez, R.A.,** Morris III, C. E., Rood, C., Saas. W. (2012, November) *Reflections on communication privacy management, crisis, and classroom.* [Panel Presentation] "What Can Communication Scholars Learn from the Penn State Child Abuse Scandal?" at the National Communication Association Conference, Orlando, FL.
- Teal C.R, Jarecke J., **Hernandez R.A.,** Haidet P. (2012, June). *Pathways through the encounter: How experienced clinicians recognize and follow patient clues.* [Paper presentation] American Association on Communication in Healthcare (AACH) Research & Teaching Forum, Providence, RI.
- Hernandez, R.A.,** Haidet, P., Gill, A., Teal, C. (2012, March). *Fine tuning the inner voice: Use of personal standards to foster students' reflection about bias in healthcare.* [Paper presentation] Regional Conference of the Southern Group on Educational Affairs of the of the Association of American Medical Colleges, Lexington, KY.
- Hernandez, R.A.** (2011, June). *Reflection, relationships, and the hidden curriculum: Exploring relationship-centered care values among medical students and faculty.* [Paper presentation] Regional Conference of the Southern Group on Educational Affairs of the of the Association of American Medical Colleges, Houston, TX.
- Hernandez, R.A.** (2009, November). *¿Tiene hambre? An investigation of emerging trends in research on eating disorders in racial and ethnic minorities.* [Paper presentation] National Communication Association Conference, Chicago, IL.

INVITED PRESENTATIONS AND COMMUNITY OUTREACH

- Health advocacy for women from underrepresented communities (2022). Kansas Women's Leadership Institute. Columbia, MO: University of Missouri.
- New approaches to qualitative methods (2021). Graduate Communication Methods Course. Columbia, MO: University of Missouri.
- Advisory Council Presentation (2021). Communication Advisory Council, Columbia, MO: University of Missouri.
- Health Communication Professions. (2021). Intro to Public Health Careers Course. Columbia, MO: University of Missouri.
- Presenting research. (2021). McNair Scholar's Program. Columbia, MO: University of Missouri.
- Navigating the Job Market. (2020). Department of Communication. Columbia, MO: University of Missouri.
- The Postdoc Life. (2020). Graduate School. Columbia, MO: University of Missouri.
- Lessons Learned: Finishing the Dissertation. (2020). Graduate School. Columbia, MO: University of Missouri.
- Interpersonal communication about COVID-19. (2020). Department of Public Health COVID-19 Course. Columbia, MO: University of Missouri.
- Presenting communicating research. (2020). McNair Scholar's Program. Columbia, MO: University of Missouri.
- Teaching during a crisis: Talking through COVID-19. (2020). Teaching for Learning Center. Columbia, MO: University of Missouri.
- Passport program helps Columbians address implicit bias. (2020). Media coverage. Columbia, MO: Vox Magazine.
- The conscientious use of images illustrating diversity in medical education marketing. (2019) Training materials. Indianapolis, IN: Indiana University School of Medicine.
- Taking a sexual history. (2016, 2018) Foundations of clinical practice lecture. Indianapolis, IN: Indiana School of Medicine.
- Medical students' implicit bias: Norms in the hidden curriculum. (2015) Colloquium. Indianapolis, IN: Indiana University - Purdue University Indianapolis.

Medical students' implicit bias: A bioethical examination of norms in the hidden curriculum. (2014) Bioethics Colloquium. State College, PA: Pennsylvania State University.

Connecting with sisters: Understanding sorority women's communication privacy management regarding condom use. (2013) Communication Colloquium. State College, PA: Pennsylvania State University.

Beyond the birds and the bees: How to communicate with your child about sex. (2009) Radio broadcast. College Station, TX: Fair and Feminist Radio.

Beyond the megaphone: Communication and outreach between NYC communities and the NYC Department of Health and Mental Hygiene. (2009) Research presentation. New York, NY: Health Research Training Program.

SERVICE

Reviewer

<i>Medical Teacher</i>	2020-present
<i>Qualitative Health Research</i>	2020-present
<i>Journal of Family Communication</i>	2019-present
<i>Health Communication</i>	2018-present
<i>Journal of General Internal Medicine</i>	2018-present
<i>Teaching and Learning in Medicine</i> - commended for outstanding review quality	2017-present
National Communication Association Conference, Health Communication Division	2018-present
National Communication Association Conference, Applied Communication Division	2020
Graduate School Spring Fellowship Competition, University of Missouri	2020
International Communication Association Conference, Health Communication Division	2020

Committee Member

PFFFD Selection Committee, Graduate School, University of Missouri	2021-2022
Inclusion, Diversity, and Equity Committee, SHP, University of Missouri	2020-2022
Inclusion, Diversity, and Equity Committee, COMM, University of Missouri.	2020-2022
Awards Committee, University of Missouri	2019-2020
Educational Policy Subcommittee, Indiana University School of Medicine	2016-2017
Hiring Committee, Pennsylvania State University	2013-2014
Technology Committee, Pennsylvania State University	2012-2013

Advising and Committee Membership

Virgil Hayes, PhD Student, Committee Member
Alaina Leverenz, PhD Student, Committee Member
Rikki Roscoe, PhD Student, Committee Member

Leadership

Web Specialist, NCA Health Communication Division	2020-present
Community Relations Chair, Graduate Student Forum, Pennsylvania State University	2013-2014
Mentor, Instructors Mentorship Program, Pennsylvania State University	2012-2013
President, Graduate Student Forum, Pennsylvania State University	2012-2013
Founding Chair, Communication Graduate Student Council, Texas A&M	2009-2010

Volunteer

Election Poll Judge, Boone County, Missouri	2020
Webmaster, NCA Health Communication Division Webpage	2020
Communication, Medicine, and Ethics Conference	2017
National Communication Association Graduate Fair	2012, 2013, 2015
Amanda Kundrat Memorial Blood Drive, Pennsylvania State University	2012-2014
Rhetoric, Media, and the Obama Phenomenon Conference, Texas A&M University	2010
Women and Minority Health Resources Group, New York City	2009

FUNDING AND AWARDS

Funding

Transforming for Equity	2022
Transforming the University of Missouri for Equity: Positioning Social Justice as a Metric of Public Health Success. Robert Wood Johnson Foundation. PIs-Teti & Schatz co-PI. Proposed grant period: 03/15/22-09/14/23. Amount requested (direct+indirect): \$300,000.	
CONVERGE COVID-19 Working Group	2020
Working Group Member, <i>COVID-19 Communication Ecologies: Interpersonal, Familial, and Organizational Information Sources</i> . COVID-19 Working Group for Public Health and Social Sciences Research. Supported by the National Science Foundation-funded Social Science Extreme Events Research (SSEER) network and the CONVERGE facility at the Natural Hazards Center at the University of Colorado Boulder. (\$1,000 total award for the working group)	
CONVERGE COVID-19 Working Group	2020
Working Group Member, <i>Redefining Family Under COVID-19</i> . <i>COVID-19 Working Group for Public Health and Social Sciences Research</i> . Supported by the National Science Foundation-funded Social Science Extreme Events Research (SSEER) network and the CONVERGE facility at the Natural Hazards Center at the University of Colorado Boulder. (\$1,000 total award for the working group)	
National Institutes of Health (NIH), National Heart, Lung, and Blood Institute	2011-2012
Qualitative Analyst, <i>Promoting Physicians' Cultural Competence Through Reflective Practice</i> . Conducted qualitative analysis of research regarding how relationship-centered values	

can promote physicians' cultural competence and address implicit bias in their interactions with patients (\$902,000 total costs over 5 years) 9/5/06 - 6/30/12.
K07 HL0856622-01 (PI: Paul Haidet, M.D.)

National Institutes of Health (NIH), National Heart, Lung, and Blood Institute 2010
Research Associate, *Relationship-Centered Transformation of Curricula*
Interviewed 90 physicians and medical students regarding how relationship-centered values can promote physicians' cultural competence
K07 HL082629 (PI: John Rogers, MD) (\$1,478,927 total costs over 4 years)

Awards

Mentor UP Certificate for IDE Mentoring	2022
Graphical Abstract Contest Second Place Winner, MU Postdoctoral Fellow Week	2020
IUPUI Communication Travel Award	2015, 2016, 2017, 2018
NCA Caucus Student Travel Grant	2015, 2018
Petronio-Bantz Travel Award	2015, 2018
Nomination for Outstanding Graduate Student Paper, IUPUI	2015
National Communication Association Conference Travel Award, TAMU, PSU	2009-2014
Top Ten Percent Combined Teaching Rigor and Evaluations, TAMU	2009

PROFESSIONAL DEVELOPMENT

Centering Diversity, Equity, and Inclusion Mentoring 101 Workshop. [June 2021, Council on Undergraduate Research]. Learned the why, what, and how of mentoring undergraduates in research, scholarship and creative activities with a focus on diversity, equity, and inclusion.

The Connector/MOST Policy Initiative Presentation [March 2021, PFFFD Program]. Learned strategies to leverage research for community engagement and policy impact.

Reflect and Act! IDE Virtual Discussion [February 2021, Inclusive Excellence Liaisons]. Participated in a virtual discussion and action-planning session aimed at raising MU's capacity towards inclusion.

ResearchFRST - Demystifying NIH and the Peer Review Process. [January 2021, Office of Research and Economic Development]. NIH grant processes, including writing and planning, coordination and execution of national grants.

Who Needs What When? Supports and Evidence for Teaching Effectiveness Along the Career Path. [January 2021, Teaching Renewal Week]. Learned how to collect and present evidence of teaching effectiveness for annual review, promotion, or tenure.

Efficient and Effective Practices for Online Teaching and Learning - Think the 3 D's. [January 2021, Teaching Renewal Week]. Learned strategies for creating consistent, accessible, and engaging course materials and building a classroom community.

Code-Switching in the Theatre of Higher Education [January 2021, Teaching Renewal Week]. Learned the importance of encouraging students and professors to be their authentic selves in conjunction with sharing scholarly knowledge.

Virtual Workshop: Inclusive Teaching in Online/Hybrid Courses [November 2020, Teaching for Learning Center]. Attended a virtual workshop on inclusive teaching in online/hybrid course.

ResearchFRST - Early CAREER Awards. [November 2020, Office of Research and Economic Development]. Learned NSF and NIH expectations and how to apply for Early CAREER Awards.

Finding Funding for Your Research. [October 2020, Office of Sponsored Programs Administration]. Learned how to use the Pivot program to find funding for research.

Best Practices in Online Instruction Certification Program. [August 2020, Teaching for Learning Center]. Learned how to design an online course.

Reverse Teach-In: Preparing for Fall 2020. [August 2020, Office of the Dean, College of Arts and Science]. Learned from Black students and alumni about their experiences in our classrooms and on campus.

How to Design a Course. [April 2020, Teaching for Learning Center]. Learned how to design a course to meet learning objectives.

Active Learning Workshop. [January 2020, Public Health Department, University of Missouri]. Developed skills in creating dynamic activities and fostering an active learning.

Teaching Renewal Workshop. [January 2020, Teaching for Learning Center, University of Missouri]. Learned strategies for effective and efficient grading and inclusive teaching techniques.

Qualitative Theory Building and Claim-Making Workshop. [November 2019, National Communication Association Conference]. Learned techniques in this half-day workshop to transform qualitative research findings into theory-building and impactful claims.

Latina/o Communication Studies Division and La Raza Caucus Mentorship Initiative. [November, 2019, National Communication Association Conference]. Participated in semi-structured small group discussions to forge professional networking connections.

Green Zone Training. [November 2019, University of Missouri] Participated in a half-day program for faculty and staff members designed to help develop a supportive campus community for veterans, current service members, and their families.

Clinical Ethics Conference. [September 2019, Indiana University School of Medicine] Attended a day-long conference involving training regarding teaching about communication in health care, narrative medicine, end-of-life care, and clinical ethical dilemmas.

Reducing Unconscious Bias Workshop. [January 2017, Indiana University School of Medicine] Attended a seminar on unconscious bias.

Communicating Science Workshop. [May 2017, Indiana University School of Medicine] Attended a workshop to communicate complex scientific topics more effectively to non-experts like patients, learners, lawmakers, and funders.