

Teresa M (Cummings) Imburgia, MPH, CCRP

Academic Address

Division of Adolescent Medicine
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Education

Indiana University

Master of Public Health

Epidemiology

Thesis: Predictors of Influenza Vaccination in the U.S. Among Children 9-13 Years of Age

Published in *Vaccine*, 2017

Indianapolis, IN

August 2016

Indiana University

Bachelor of Arts, Double major: Psychology & Sociology

Minor: Italian

Bloomington, IN

May 2005

National Honors Society

Ball State University & City of Westminster College

Study Abroad

London, England, UK

Spring 2003

Experience

Indiana University Division of Adolescent Medicine

Project Coordinator

Indianapolis, IN

September 2009-Current

- Manage multiple research projects, staff, students, and protocols based on funded NIH, Federal, and Foundation grants.
- Lead meetings with Federal staff, State agency staff, university faculty, and other stakeholders.
- Prepare reports to Federal representatives to inform congressional hearings.
- Train and mentor 3-5 graduate students per year, three junior research staff, and three medical fellows a year in qualitative and quantitative research methods including IRB submissions, writing of consents/assents and protocols, abstract development, appropriate analyses, and presentation materials.
- Develop, submit, and maintain study protocols, informed consents, amendments, continuing reviews, and other necessary documents for the institutional review board for two current studies.
- Recruit, enroll, and interview participants ensuring that the staff follow protocols. Demonstrated success in filling all protocol numbers, with the largest recruitment at 1500 participants in nine months.
- Presented study data for seven different studies from local constituents and stakeholders to national and international committees and professionals.
- Create and maintain databases for current and past studies.
- Supervise data collection and analyses in multiple studies.

- Published twelve manuscripts and developed over 30 abstracts for oral presentations and posters for peer review publications and conferences.
- Past research topics include diabetes, Human Papillomavirus (HPV), HPV-related cancers, Pap smears, sexually transmitted infections (STIs), adolescent sexual health, teen pregnancy prevention, the Human Microbiome Project, bariatrics, research ethics, influenza, contraceptives, child welfare, and vaginal and vulvar microbial communities.
- Worked with ten faculty members and the section director to update websites and provide support in the coordination of fellowship recruiting.
- Assist faculty members in grant preparation.

Projects:

- R56 AI079090-01A1, HPV Vaccination, attitudes and sequential behaviors in adolescent women
- Depo-Provera self-administration pilot project
- The educational effects of a computer-based driving simulator on hypoglycemia knowledge and intention among adolescents with type-1 diabetes
- LivingIt – Adherence and relationships in adolescent bariatric patients pre- and post-surgery
- UH3 AI094641-02, Male urethra: Puberty, sexual activity and sexually transmitted diseases
- R56 1R56AI090393-01, Developmental epidemiology of incident STI among adolescent boys
- Cervical Cancer Free Indiana (CCFIN)
- Proctor and Gamble, Vaginal and vulvar microbial communities
- Administration for Children and Families, Title IV-E Waiver evaluation
- HPV Signature Center Grant: HPV Project #3, Re-recruitment of the YWP cohort and assessment of HPV redetection and cytology

Indiana University Division of Adolescent Medicine
Clinical Research Technician

Indianapolis, IN
February 2007-August 2009

- Worked on the innovative Young Women’s Project (YWP), a prospective research study spanning over nine years with 387 participants and 317 of the participants’ partners in accordance with Good Clinical Practices.
- Managed a caseload of 20 patients including weekly home visits.
- Conducted over ten in-depth interviews a week with patients and their partners in clinic and home settings.
- Arranged and prepared clinic visits for the project manager. Checked accuracy of interviews and instruments.
- Audited over 300 patient charts from 2001-2009 to ensure IRB guidelines and protocol were followed and accuracy of data for the Principal Investigator.
- Collaborated with disease intervention specialists throughout Indianapolis to track and treat high-risk patients and their partners.

Answers & Insights Market Research
Project Manager

Indianapolis, IN
November 2005-January 2007

- Managed the coordination of multiple market research projects, including and not limited to scheduling respondents, updating clients, interviewing participants, and supervision of staff and daily progress.
- Moderated over 20 research studies with physicians and patients through live in-depth interviews and over the phone surveys.
- Acted as liaison between pharmaceutical companies, physicians, patients, and support staff.
- Managed company database of physicians and assisted in preparing top quality reports to clients.
- Programmed surveys web-based surveys and managed data of 5-15 projects at any one time.
- Specialization in healthcare market research industry with research projects focused on contraception, smoking cessation, alcohol dependency, Alzheimer’s disease, diabetes, and hemophilia.

Skills & Certifications

- Certified Qualtrics Silver Insight Professional, February 2017.
- Certified Qualtrics Bronze Insight Professional, January 2017.
- Completed the Human Research, Responsible Conduct of Research, Biomedical, and The Good Clinical Practice modules of the Collaborative Institutional Training Initiative first done in June 2010.
- Certified Clinical Research Professional by the Society of Clinical Research Associates in November 2009.
- Completed Project Coordinator training in April 2008.
- Attended leadership and management conference in October 2006.
- Proficiency in Microsoft Office Suite.
- Fluent in conversational Italian.
- Ability to create and maintain databases.
- Proficiency in writing and programming on-line surveys through Qualtrics, Sawtooth, REDCap, Survey Monkey, etc.
- Competence with SPSS and SAS.

Awards

- Nominated and accepted for membership in the Science Program for Excellence in Science. *American Association for the Advancement of Science*. August 2016
- First Place for Population Science/Epidemiology Poster by Graduate Students. *IU Simon Cancer Center Annual Cancer Research Day*. May 2015
- New Investigator Award Finalist. *Society for Adolescent Health and Medicine* March 2013

Peer Reviewed Publications

1. Bloomquist KR, **Imburgia TM**, Danh M, Pierce BJ, Hall JA. Studying Process in a Title IV-E Waiver evaluation project: Interviews with regional and executive managers. *Journal of Public Child Welfare*. 2018, DOI: [10.1080/15548732.2018.1473823](https://doi.org/10.1080/15548732.2018.1473823)
2. Ott MA, Moon J, **Imburgia TM**, Yang Z, Tu W, Auerswald CL. Community engagement and venue-based sampling in adolescent male STI prevention research. *Journal of Adolescent Health*. 2018 Mar 1;62(3):S58-64. PMID: 29455719
3. Ermel A, Shew ML, **Imburgia TM**, Brown M, Qadadri B, Tong Y, Brown DR. Redetection of human papillomavirus 16 infections of the cervix in mid-adult life. *Papillomavirus Research*. 2018; pii: S2405-8521(17)30054-X. PMID: 29355777
4. Hall JA, **Imburgia TM**, Bloomquist KR, Kim J, Armstrong-Richardson E, Danh M, Hensel DJ. Partnership for multimethod evaluation in child welfare: Title IV-E Waiver Demonstration Program. *Child Welfare Journal*. 2017;95(5).
5. Pierce BJ, Jagers JW, Bloomquist KR, **Imburgia TM**, Danh M, Hall JA. Utilization of Concrete Services in Child Welfare: A mixed-method analysis of a Title IV-E Waiver Demonstration Program. *Journal of Public Child Welfare*. 2017, DOI: [10.1080/15548732.2017.1377139](https://doi.org/10.1080/15548732.2017.1377139)
6. **Imburgia TM**, Hendrix KS, Donahue KL, Sturm LA, Zimet GD. Predictors of influenza vaccination in the U.S. among children 9-13 years of age. *Vaccine*. 2017;35(18):2338-2342. PMID: 28359619
7. Head KJ, **Imburgia TM**, Zimet GD, Shew ML. Women's understanding of their Pap & HPV test results: Implications for patient-provider communication. *Journal of Communication in Healthcare*. 2017;9(5):1-11. DOI: [10.1080/17538068.2017.1282085](https://doi.org/10.1080/17538068.2017.1282085)
8. Kim J, Pierce BJ, Jagers JW, **Imburgia TM**, Hall JA. Improving child welfare services with family team meetings: A mixed methods analysis of caseworkers' perceived Challenges. *Children and Youth Services Review*. 2016;70:261-268. DOI: [10.1016/j.childyouth.2016.09.036](https://doi.org/10.1016/j.childyouth.2016.09.036)
9. Mesher D, Soldan K, Lehtinen M, Beddows S, Brisson M, Brotherton J, Chow E, **Cummings T**, Drolet M, Fairley CK, Garland SM, Kahn JA, Kavanagh K, Markowitz L, Pollock KG, Söderlund-Strand A, Sonnenberg P, Tabrizi SN, Tanton C, Unger E, Thomas SL. Population-level effects of

human papillomavirus vaccination programs on infections with nonvaccine genotypes. *Emerging Infectious Diseases*. 2016;22(10):1732-40. PMID 27648688

10. **Cummings T**, Kasting ML, Rosenberger JG, Rosenthal SL, Zimet GD, Stupiansky NW. Catching up or missing out? HPV vaccine acceptability among 18-26 year old men who have sex with men in a U.S. national sample. *Sexually Transmitted Diseases*. 2015;42(11):601-606. PMID 26462183
11. Drolet M, Bernard E, Boily MC, Ali H, Baandrup L, Bauer H, Beddows S, Brisson J, Brotherton J, **Cummings T**, Donovan B, Fairley CK, Flagg EW, Johnson AM, Kahn JA, Kavanagh K, Kjaer SK, Kliwer EV, Lemieux-Mellouki P, Markowitz L, Mboup A, Mesher D, Niccolai L, Oliphant J, Pollock KG, Soldan K, Sonnenberg P, Sepehr TN, Tanton C, Brisson M. Population-level impact of human papillomavirus vaccination programs on infection, anogenital warts and cervical abnormalities: A systematic review and meta-analysis. *The Lancet Infectious Diseases* 2015;15(5):565-580. PMID 25744474
12. **Cummings T**, Ott MA, Auerswald, CL. Factors influencing abstinence, anticipation, and delay of sex among adolescent boys in high-STI prevalence communities. *Journal of Adolescent Health* 2014;54:593-598. PMID 24355627
13. **Cummings T**, Zimet GD, Brown D, Tu W, Yang Z, Fortenberry JD, Shew ML. Reduction of HPV infections through vaccination among at-risk urban adolescents. *Vaccine*. 2012;30(37):5496-5499. PMID: 22188843
14. Stupiansky NW, Zimet GD, **Cummings T**, Fortenberry JD, Shew M. Accuracy of self-reported human papillomavirus vaccine receipt among adolescent girls and their mothers. *Journal of Adolescent Health*. 2012;50(1):103. PMID: 22188843

Manuscripts Submitted for Publication

1. Kim J, Armstrong-Richardson E, **Imburgia TM**, Jagers JW, Hall JA. The effects of case characteristics on teamwork in family team meetings. *Child & Family Social Work*. Under Review.
2. Ott MA, Wells M, **Imburgia TM**, Yang Z, Tu W, Auerswald CA. The sexual health needs of adolescent boys involved in a pregnancy. *Journal of Adolescent Health*. Under Review.
3. Drolet M, Benard E, Perez N, Boily MC, Hammad A, Balda V, Deeks S, Dehlendorf C, Donovan B, Fairley CK, Flagg EW, Warner Gargano J, Grün N, Hansen BT, Harrison C, Herweijer E, **Imburgia TM**, Johnson A, Kahn JA, Kavanagh K, Kjaer SK, Kliwer EV, Liu B, Markowitz L, Mesher D, Niccolai L, Nygård M, Ogilvie G, Oliphant J, Pollock KG, Smith M, Söderlund-Strand A, Sonnenberg P, Sørensen P, Wheller C, Woestenberg P, Yu BN, Brisson M. Population-level impact and herd effects following the introduction of human papillomavirus vaccination programs: Updated systematic review and meta-analysis. *The Lancet*. Under Review.

Invited Lectures/Presentations

1. **Imburgia TM**, Wakeling R, Peterson R, Winstead D. IV-E Waivers: Early Findings. Presented by all authors at *Human Services Finance Officers Meeting*. New Orleans, LA, August 2017.
2. **Imburgia TM**, Kim J, Pierce BJ, Hall JA. Building Partnerships between Evaluators and Child Welfare Agencies. Lecture presented by Imburgia at the *Leadership Education in Adolescent Health Seminar*. Indianapolis, IN, October 2016
3. **Cummings T**, Pierce BJ, Danh M, Bloomquist KM, Hall JA. Mixed methods evaluation: The Title IV-E Waiver. Lecture presented by Cummings at the *Leadership Education in Adolescent Health Seminar*. Indianapolis, IN, March 2015.

Oral Presentations

1. Head KJ, **Imburgia TM**, Zimet GD, Shew ML. Women's understanding of their Pap and HPV test results: Implications for patient-provider communication. Oral platform presentation presented by Head at the 4th Biennial D.C. Health Communication Conference, Fairfax, VA, April 2017.
2. Armstrong-Richardson E, Kim J, **Imburgia TM**, Jagers JW, Hall JA. Relationship between systems-related indicators and connectivity among transition aged youth in foster care. Oral platform presentation presented by Armstrong-Richardson at the *Society for Adolescent Health and Medicine Annual Meeting*, New Orleans, LA, March 2017.

3. Hall JA, **Imburgia TM**, Kim J, Armstrong-Richardson E, Bloomquist KR, Danh M, Pierce BJ. Symposium: Multimethod evaluation: Title IV-E Waiver demonstration program. Oral symposium presented by Bloomquist at the Society for Social Work and Research. New Orleans, LA, January 2017.
4. **Imburgia TM**, Pierce, BJ, Danh M, Bloomquist KR, Hall JA. Building partnerships between evaluators and child welfare agencies through continuous quality improvement and instrument development. Oral symposium presented by Imburgia at the *Society for Social Work and Research Annual Meeting*. New Orleans, LA, January 2017.
5. Bloomquist KR, **Imburgia TM**, Pierce, BJ. Exploring the use and impact of concrete services in child welfare practice. Oral symposium presented by Bloomquist at the *Society for Social Work and Research Annual Meeting*. New Orleans, LA, January 2017.
6. Bloomquist KR, Danh M, **Imburgia TM**, Pierce BJ, Hall JA, Jagers J, Kim J. Using qualitative interviews in state-level child welfare evaluation research. Oral platform presented by Bloomquist *Annual meeting of the Tenth Annual Congress of Qualitative Inquiry, University of Illinois at Urbana-Champaign*, Urbana, IL, May 2016
7. Hall JA, **Cummings T**, Danh M, Bloomquist KR, Pierce BJ. Symposium: Mixed methods evaluation: Title IV-E Waiver demonstration program. Oral symposium presented by Hall at the *Society for Social Work and Research Annual Meeting*. New Orleans, LA, January 2015.
8. **Cummings T**, Danh M, Bloomquist KR, Hensel D, Barton WH, Hall JA. Measuring child and adolescent well-being in the child welfare system. Oral symposium presented by Cummings at the *Society for Social Work and Research Annual Meeting*. New Orleans, LA, January 2015.
9. Danh M, **Cummings T**, Bloomquist KR, Hensel D, Barton WH, Hall JA. Family case manager perceptions of client needs and system services. Oral symposium presented by Danh at the *Society for Social Work and Research Annual Meeting*. New Orleans, LA, January 2015.
10. Bloomquist KR, **Cummings T**, Danh M, Hensel D, Barton WH, Hall JA. Regional & Executive Manager Interviews 2013 & 2014. Oral symposium presented by Bloomquist at the *Society for Social Work and Research Annual Meeting*. New Orleans, LA, January 2015.
11. Kasting M. **Cummings T**, Zimet GD, Rosenberger JG, Stupiansky NW. Lack of knowledge has consequences: HPV vaccination among young MSM. Oral platform presented by Kasting at the *29th International Papillomavirus Conference*, Seattle, WA, August 2014.
12. Bloomquist KR, Danh M, Graham-Dotson Y, **Cummings T**, Barton WH, Hall JA, Turney, B. Case study analysis in child welfare evaluation research. Oral platform presented by Bloomquist *Annual meeting of the Tenth Annual Congress of Qualitative Inquiry, University of Illinois at Urbana-Champaign*, Urbana, IL, May 2014
13. **Cummings T**, Ott MA, Auerswald, CL. Factors influencing abstinence, anticipation, and delay of sex among adolescent boys in high-STI prevalence communities. Oral platform presented by Cummings at the *Society for Adolescent Health and Medicine Annual Meeting*, Atlanta, GA, March 2013.

Accepted Abstracts

1. **Imburgia TM**, Hensel DJ, Pierce BJ, Armstrong-Richardson E, Hall JA. Strategies to improve adolescents' status in caregiver substance abuse cases in the child welfare system. *Society for Adolescent Health and Medicine Annual Meeting*, Seattle, WA, March 2018
2. MacDonald K, **Imburgia TM**, Auerswald CL, Ott MA. Sexting among adolescent urban males. *The Society for Adolescent Health and Medicine Annual Meeting*, Seattle, WA, March 2018
3. Armstrong-Richardson E, **Imburgia TM**, Hall JA. Case Characteristics Influencing Difficulty Placing Child Welfare Children and Youth in Treatment Facilities. *Society for Adolescent Health and Medicine Annual Meeting*, Seattle, WA, March 2018
4. **Imburgia TM**, Hendrix K, Donahue K, Sturm L, Zimet GD. Factors associated with influenza vaccination in the U.S. among children 9-13 years of age. *Society for Adolescent Health and Medicine Annual Meeting*, New Orleans, LA, March 2017.
5. Armstrong-Richardson E, **Imburgia TM**, Pierce BJ, Jagers JW. The impact of youth engagement on child welfare service satisfaction. *20th National Conference on Child Abuse and Neglect*. Washington, DC, August 2016.

6. **Cummings T**, Hensel DJ, Danh M, Bloomquist KR, Pierce BJ, Kim J, Jagers JW, Hall JA. The difference in age: Case workers perceptions of youth in the child welfare system. *Society for Adolescent Health and Medicine Annual Meeting*, Washington, DC, March 2016.
7. Shew ML, **Cummings T**, Ermel A, Brown DR. Episodic detection of high risk HPV 16 from adolescence to adulthood. *30th International Papillomavirus Conference*. Lisbon, Portugal, September 2015.
8. **Cummings T**, Ermel A, Brown DR, Shew ML. Episodic detection of high risk HPV 16. *IU Simon Cancer Center Annual Cancer Research Day*. Indianapolis, IN, May 2015.
9. **Cummings T**, Hensel DJ, Bloomquist KR, Danh M, Pierce BJ, Hall JA. Increased use of concrete services for child welfare in Title IV-E Waiver expansions. *Society for Adolescent Health and Medicine Annual Meeting*, Los Angeles, CA, March 2015.
10. Danh M, **Cummings T**, Bloomquist KR, Hensel DJ, Hall J, Barton WH. The Effects of child welfare cases on child well-being. *Society for Adolescent Health and Medicine Annual Meeting*, Austin, TX, March 2014.
11. Nagel P, **Cummings T**, Hansen C, Ott MA. Predictors of sexting in a university population. *Society for Adolescent Health and Medicine Annual Meeting*, Atlanta, GA, March 2013.
12. Bracey LE, Roth AM, Shew ML, Robbins CL, **Cummings T**, Hansmann MA, Erb JB, Fortenberry JD. Feasibility and acceptability of longitudinal study of vulvar and vaginal health in pre-menarcheal girls. *Society for Adolescent Health and Medicine Annual Meeting*, Atlanta, GA, March 2013.
13. Nagel P, **Cummings T**, Ebling D, Hansen C, Lowther M, Ott MA, Van Der Pol B. Variability in STI positivity rates associated with recruitment venues. *The Society for the Scientific Study of Sexuality*, Bloomington, IN, May 2012.
14. Lowther M, **Cummings T**, Ebling D, Hansen C, Nagel P, Ott MA, Van Der Pol B. Variability in STI positivity rates associated with partner classification. *The Society for the Scientific Study of Sexuality*, Bloomington, IN, May 2012.
15. Wells M, Moon J, Raine D, **Cummings T**, Yang Z, Ott MA. Sexual health differences between adolescent fathers and non-fathers. *The Society for the Scientific Study of Sexuality*, Bloomington, IN, May 2012.
16. Moon J, Wells M, **Cummings T**, Auerswald C, Yang Z, Tu W, Ott MA. Community-engagement and venue-based sampling of adolescent males for sexual behavior and STI research. *The Society for the Scientific Study of Sexuality*, Bloomington, IN, May 2012.
17. **Cummings T**, Yang Z, Moon J, Wells M, Auerswald C, Tu W, Raine D, Ott MA. Using venue-based sampling to recruit a high-risk adolescent male population. *Society for Adolescent Health and Medicine Annual Meeting*, New Orleans, LA, March 2012.
18. Stupiansky NW, Zimet GD, **Cummings T**, Fortenberry JD, Shew ML. Accuracy of self-reported HPV vaccine receipt among adolescent girls and their mothers. *Society for Adolescent Health and Medicine Annual Meeting*, Seattle, WA, March 2011

Submitted Abstracts

1. Hall JA, **Imburgia TM**, Bloomquist KR, Kim J, Armstrong-Richardson E. Longitudinal development of an evaluation design in child welfare. Submitted for a Symposium at the Society for Social Work and Research Annual Meeting. San Francisco, CA, January 2019.
2. **Imburgia TM**, Armstrong-Richardson E, Bloomquist KR, Kim J, Hall JA. Using case reviews to assess the impact of a statewide Title IV-E Waiver Demonstration on safety, permanency and well-being. Submitted for a Symposium at the Society for Social Work and Research Annual Meeting. San Francisco, CA, January 2019.