

DEVIN E BANKS, MS

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EDUCATION

- 2014–Present Indiana University–Purdue University Indianapolis (IUPUI)
Ph.D. expected 2020, Clinical Psychology
Faculty Mentor: Tamika C. B. Zapolski, Ph.D.
Dissertation Title: *Concurrent Substance Use and Related Problems among African American Adolescents* (proposed November 2017)
- 2016 Indiana University–Purdue University Indianapolis
M.S., Clinical Psychology
Thesis Title: *Examining Differential Relationships of Substance Use and Risky Sexual Behavior among African American and White Adolescents*
- 2011 University of California Berkeley
B.A., Psychology, with High Distinction

GRANTS AND FELLOWSHIPS

- 2018–2020 **Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship** (F31DA044728)
NIH/National Institute on Drug Abuse
Title: *Concurrent Substance Use and Related Problems among African American Adolescents: A Daily Diary Study and Qualitative Investigation*
Role: Primary Investigator
Sponsor: Tamika Zapolski, Ph.D.; Co-sponsors: Sarah Wiehe, M.D., Michelle Salyers, Ph.D.; Consultant: Devon Hensel, Ph.D.
\$83,668 direct costs
- 2014–2015 **University Fellowship**
University Graduate School, IUPUI
Role: Fellow
\$22,500 award

AWARDS AND HONORS

- 2018 Director’s Travel Award (College of Problems on Drug Dependence), National Institute on Drug Abuse (\$1000)
- 2018 Premiere 10 Graduate Student Award, Graduate and Professional Student Government, IUPUI
- 2018 Elite 50 Graduate Student Award, Graduate and Professional Student Government, IUPUI
- 2018 Student Merit Award, Research Society on Alcoholism (\$350)
- 2018 Travel Grant, School of Science Graduate Student Council, IUPUI (\$500)

2018	Travel Award, Department of Psychology, IUPUI (\$500)
2014–2017	Predocctoral Scholar, Southern Regional Education Board-State Doctoral Scholars Program
2017	Research Award, Department of Psychology, IUPUI (\$1,500)
2017	Student Merit Award, Research Society on Alcoholism (\$200)
2017	Travel Grant, School of Science Graduate Student Council, IUPUI (\$200)
2017	Minority Travel Award, Society for Prevention Research (\$200)
2017	Travel Award, Department of Psychology, IUPUI (\$650)
2016	Minority Travel Award, Society for Prevention Research (\$500)
2016	Travel Award, Department of Psychology, IUPUI (\$650)
2015	Travel Award, Early Career Preventionists Network, Society for Prevention Research (\$200)
2015	Research Award, Department of Psychology, IUPUI (\$1,500)

PEER REVIEWED JOURNAL ARTICLES

1. **Banks, D. E.**, & Zapolski, T. C. B. (in press). The crossover effect: A review of racial/ethnic variations in risk for substance use and abuse across development. *Current Addiction Reports*.
2. Zapolski, T. C. B., **Banks, D. E.**, Lau, K.S., & Aalsma, M. C. (2018). Perceived police injustice, moral disengagement, and aggression among juvenile offenders: Utilizing the general strain theory model. *Child Psychiatry and Human Development*, 49(2), 290-297. doi:10.1007/s10578-017-0750-z
3. **Banks, D. E.**, Rowe, A. T., Mpofu, P., & Zapolski, T.C.B. (2017). Trends in typologies of concurrent alcohol, marijuana and cigarette use among US adolescents: An ecological examination by sex and race/ethnicity. *Drug and Alcohol Dependence*, 179, 71-77. doi:10.1016/j.drugalcdep.2017.06.026
4. **Banks, D. E.**, & Zapolski, T. C. B. (2017). Racial differences in the link between alcohol expectancies and adolescent drinking. *Addictive Behaviors*, 67, 34-37. doi:10.1016/j.addbeh.2016.12.005
5. **Banks, D. E.** & Zapolski, T.C.B. (2017). Impulsivity and problem drinking in college: Examining the mediating role of sex-related alcohol expectancies and alcohol use at sex. *Substance Use and Misuse*, 52(8), 992-1002. doi:10.1080/10826084.2016.1268629
6. Zapolski, T. C. B., Baldwin, P., **Banks, D. E.**, & Stump, T. E. (2017). Does a crossover age effect exist for African American and Hispanic binge drinkers? Findings from the 2010-2013 National Study on Drug Use and Health. *Alcoholism: Clinical and Experimental Research*, 41(6), 1129-1136. doi:10.1111/acer.13380
7. Zapolski, T. C. B., Fisher, S., **Banks, D. E.**, Hensel, D. J., & Barnes-Najor, J. V. (2017). Examining the protective effect of ethnic identity on drug attitudes and use among a

diverse youth population. *Journal of Youth and Adolescence*, 46(8), 1702-1715.
doi:10.1007/s10964-016-0605-0

8. Dir, A. L., **Banks, D. E.**, Zapolski, T. C. B., McIntyre, E., Hulvershorn, L. A. (2016). Negative urgency and emotion regulation predict positive smoking expectancies in non-smoking youth. *Addictive Behaviors*, 58, 47-52. doi:10.1016/j.addbeh.2016.02.014

MANUSCRIPTS SUBMITTED FOR PUBLICATION

1. **Banks, D. E.**, Winningham, R. D., Wu, W., & Zapolski, T. C. B. (invited revision). Alcohol expectancies as a mediator of the promotive value of ethnic identity on adolescent drinking outcomes. *American Journal of Orthopsychiatry*.
3. Zapolski, T. C. B., Clifton, R. L., **Banks, D. E.**, Hershberger, A. R., & Aalsma, M. C. (invited revision). Family and peer influences on substance use among juvenile justice-involved youth. *Journal of Child and Family Studies*.
4. Montgomery, L., Zapolski, T. C. B., **Banks, D. E.**, & Floyd, A. (invited revision). Puff, Puff, Drink: The association between blunt and alcohol use among African American adolescents and young adults. *American Journal of Orthopsychiatry*.
5. **Banks, D. E.**, Hershberger, A. R., Pemberton, T., Clifton, R. L., Aalsma, M. C., & Zapolski, T.C.B. Differential associations of marijuana use typologies with cognitive, psychological, and substance-related outcomes among juvenile detainees. *Addictive Behaviors*.
6. **Banks, D. E.**, Faidley, M. T., & Zapolski, T.C.B. Racial/ethnic differences in the time-varying association of alcohol expectancies and drinking during the transition from childhood to adolescence.
7. Zapolski, T. C. B., Rowe, A. T., **Banks, D. E.**, & Faidley, M. T. Perceived discrimination and substance use: Examining the moderating effect of distress tolerance and negative urgency.
8. Zapolski, T. C. B., Yu, T., Barton, A. W., **Banks, D. E.**, & Brody, G. H. Why now? Examining antecedents for substance use initiation among African American youth from preadolescence to early adulthood.
9. Winningham, R.D., Beutlich, M., **Banks, D. E.**, & Zapolski, T. C. B. The interactive effect of substance use disorder and posttraumatic stress disorder symptoms on behavioral outcomes among juvenile justice youth.

MANUSCRIPTS IN PREPARATION

Note: This list includes those papers for which data are collected and preliminary analyses conducted.

1. **Banks, D. E.**, Hensel, D.J., & Zapolski, T. C. B. Integrating individual and contextual factors to explain HIV/STI risk and disparities among heterosexual African American youth: A contemporary literature review and social ecological model.
2. **Banks, D. E.**, & Zapolski, T. C. B. Integrating impulsivity, expectancies, and alcohol use to predict risky sexual behavior among college students.
3. Polanka, B. M., **Banks, D. E.**, Zapolski, T. C. B., & Stewart, J. C. Associations between depression, smoking, body mass index, and sleep apnea and moderation by sex and race/ethnicity: Data from the National Survey on Drug Use and Health.
4. Wyatt, J., **Banks, D. E.**, Spillane, N. S., & Zapolski, T. C. B. A review of substance abuse treatment factors among African American women: Implications for research and clinical practice.

PAPER, ORAL & SYMPOSIUM PRESENTATIONS

* denotes presenting author

1. ***Banks, D. E.**, & Zapolski, T. C. B. (2018, June). Does racial identity among Black Americans buffer the effect of discrimination on alcohol use? Variations in protective value by identity type. Paper presented at the 41st Annual Research Society on Alcoholism Scientific Meeting, San Diego, CA.
2. ***Banks, D. E.**, Zapolski, T. C. B., & Faidley, M. T. (2017, June). Racial/Ethnic differences in alcohol expectancies and alcohol use from childhood through adolescence. Paper presented at the 25th Annual Meeting of the Society for Prevention Research, Washington, DC.
3. *Zapolski, T. C. B., Fisher, S. D., **Banks, D. E.**, Hensel, D. J., & Barnes, J. V. (2017, June). The protective effect of ethnic identity on drug attitudes and use: Does the protective effect exist among all racial/ethnic groups? Paper presented at the 25th Annual Meeting of the Society for Prevention Research, Washington, DC.
4. ***Banks, D. E.**, & Zapolski, T. C. B. (2016, June). Integrating impulsivity, expectancies, and drinking to predict risky sex in college: A test of the acquired preparedness model of risk. Paper presented at the 24th Annual Meeting of the Society for Prevention Research, San Francisco, CA.

POSTER PRESENTATIONS

* denotes presenting author

1. ***Banks, D. E.**, & Zapolski, T. C. B. (2018, June). Differential associations of marijuana typologies with psychological problems and substance abuse among juvenile detainees. Poster presented at the 80th Annual Scientific Meeting of the College on Problems of Drug Dependence, San Diego, CA.

2. *Zapolski, T. C. B., Yu, T., Brody, G., **Banks, D. E.**, & Barton, A. (2018, June). Why now? Examining antecedents for substance use initiation among African American adolescents. Poster presented at the 80th Annual Scientific Meeting of the College on Problems of Drug Dependence, San Diego, CA.
3. *Pemberton, T. A., **Banks, D. E.**, & Zapolski, T. C. B. (2017, November). The moderating effect of relationship status on hazardous alcohol use and risky sexual behavior among college students. Poster presented at the Indiana Psychological Association Fall Conference & Annual Meeting, Indianapolis, IN.
4. *Clifton, R. L., Carson, I., **Banks, D. E.**, Hershberger, A., Aalsma, M. C., & Zapolski, T. C. B. (2017, November). Family and peer influence on substance use among juvenile justice involved youth. Poster presented at the Indiana Psychological Association Fall Conference & Annual Meeting, Indianapolis, IN.
5. ***Banks, D. E.**, Rowe, A. T., Mpofo, P., & Zapolski, T. C. B. (2017, June). Typologies of alcohol, marijuana, and cigarette use among US adolescents: Variations by gender and race/ethnicity. Poster session presented at the 40th Annual Research Society on Alcoholism Scientific Meeting, Denver, CO.
6. ***Banks, D. E.**, & Zapolski, T. C. B. (2016, June). Positive alcohol expectancies predict alcohol use among European American but not African American adolescents. Poster session presented at the 39th Annual Research Society on Alcoholism Scientific Meeting, New Orleans, LA.
7. ***Banks, D. E.**, & Zapolski, T. C. B. (2016, June). Select dimensions of impulsivity and problem drinking among college students: The mediating role of sex-related alcohol expectancies and drinking before sex. Poster session presented at the 24th Annual Meeting of the Society for Prevention Research, San Francisco, CA.
8. ***Banks, D. E.**, Zapolski, T. C. B., Dir, A. L., McIntyre, E., & Hulvershorn, L. A. (2015, May). Negative urgency and emotion regulation predict positive smoking expectancies in youth. Poster session presented at the 23rd Annual Meeting of the Society for Prevention Research, Washington D.C.

INVITED PRESENTATIONS

1. **Banks, D. E.** (2017, November). Concious vs. Subconscious Identity. Invited presentation and research demonstration given at Psychology Day, IUPUI, Indianapolis, IN.
2. **Banks, D. E.** (2017, October). Graduate School Admissions “Prep.” Invited presentation given at Psi Chi & Psychology Club, IUPUI, Indianapolis, IN.
3. Patel, J. S., **Banks, D. E.**, Miller, M. M., & Yu, Y. (2017, April). Health Psychology Panel. Invited presentation and panel discussion given at Mental Health Awareness Week, IUPUI, Indianapolis, IN.

4. Patel, J. S., **Banks, D. E.**, & Chinh, K. (2017, March). Health Psychology Meets Neuroscience: The Mind-Body Connection. Invited panel discussion given at Brain Awareness Week, IUPUI, Indianapolis, IN.

RESEARCH EXPERIENCE

- 2017–Present **Co-PI (Dissertation Research)**, Department of Psychology, IUPUI
PI: Tamika C. B. Zapolski, Ph.D.
Concurrent Substance Use and Related Problems among African American Adolescents: A Daily Diary Study and Qualitative Investigation
Summary: Examined patterns of single concurrent substance use and their association with substance-related consequences among adolescent substance users by race using daily surveys distributed via text message. Conducted qualitative interviews among African American youth to identify potential mechanisms that differentiate concurrent substance users.
- 2015–2018 **Graduate Research Assistant**, Prevention Research in Substance Use and Minority Health (PRISM) Lab, Department of Psychology, IUPUI
PI: Tamika C. B. Zapolski, Ph.D.
- 2017–2018 ***Piloting an Evidence-Based MET/CBT+ CM Substance Treatment Program in a School-Based Setting***
Summary: Tested the feasibility and estimated the effectiveness of a manual-standardized motivational enhancement (MET)/cognitive behavioral therapy (CBT) plus contingency management (CM) intervention in changing the number of days of substance use among students in the public-school system with a substance use disorder. Secondary aims were to determine the impact of the intervention on abstinence achieved during the intervention and changes in co-occurring psychiatric symptom severity.
Duties: Assented and consented adolescent participants to the study. Assessed participants for eligibility (substance use disorder) and co-occurring disorders via interview. Administered the intervention in individual therapy sessions.
- 2016–2018 ***Use of Brief DBT-A Program in a School-based Setting***
Summary: Tested the preliminary effectiveness of a modified Dialectical Behavior Therapy for Adolescents (DBT-A) in a school-based setting to increase emotion regulation and distress tolerance skills and reduce the likelihood of risky behavior, including substance use, among youth.
Duties: Co-facilitated a modified, 9-week DBT-A intervention in 7th and 8th grade classrooms and to a small group of substance-using youth at an alternative middle school and high school.
- 2016–2017 ***Study of Black Identity and Health***
Summary: Examined discrepancies in explicit racial identity (self-reported) and implicit racial identity (measured by an implicit association task) as they relate to perceived discrimination, psychological distress, and substance use among a community sample of African Americans.

- 2015–2016 *Duties:* Designed the study and IRB protocol. Recruited participants, performed consent procedures, and administered implicit association task.
Adolescent Study on Drug Use and Health
Summary: Surveyed a diverse sample of adolescents to explore the interaction of individual (e.g., trait impulsivity, drug expectancies), interpersonal (i.e., parent and peer), and environmental (e.g., ease of access, discrimination) factors on alcohol and marijuana use among youth.
Duties: Recruited adolescent participants, performed assent procedures, and administered questionnaire. Established data entry procedures and maintained study data and participant files.
- 2015–2016 **Co-PI (Thesis Research)**, Department of Psychology, IUPUI
PI: Tamika C. B. Zapolski, Ph.D.
Study of Adolescent Drinking, Drug Use, & Sexual Health
Summary: Aimed to examine the differential effects of alcohol and marijuana use on risky sexual behavior among African American and European American adolescents by surveying diverse high school students.

CLINICAL EXPERIENCE

- 6|2018 – Present **Practicum Student/Clinician**, Indiana University School of Medicine
Duties: Administered semi-structured clinical interviews (K-SADS-PL) and neuropsychological assessments to 11-12-year-old children enrolled in a clinical research study. Assessments focused on differential diagnosis of mental illness.
Supervisors: Matthew C. Aalsma, Ph.D., HSPP, Indiana University School of Medicine, Department of Pediatrics; Leslie A. Hulvershorn, M.D., Riley Hospital for Children (PI)
- 1|2018 – Present **Research Assistant/Clinician**, Piloting an Evidence-Based MET/CBT+CM Substance Treatment Program in a School-Based Setting
Duties: Administered a brief, semi-structured interview (modified SCID) to assess for substance use disorder and co-occurring disorders in adolescents at an alternative school. Provided individual therapy (10 sessions of manualized motivational enhancement therapy and cognitive behavior therapy with contingency management [MET/CBT+CM]) to adolescents with substance use disorder and comorbid mental disorders.
PI / Supervisor: Tamika C. B. Zapolski, IUPUI, Department of Psychology
- 12|2017 – 6|2018 **Practicum Student**, Borderline Awareness Skills for Empowerment (BASE) Program, Midtown Community Mental Health, Indianapolis, IN
Duties: Provided individual and group schema therapy to adult clients diagnosed with borderline personality disorder and comorbid disorders (e.g., mood disorders, PTSD) at an outpatient community mental health clinic.
Supervisor: Joan Farrell, Ph.D., HSPP, Schema Therapy Institute Midwest & IUPUI, Department of Psychology

- 4|2016 – 4|2018 **Research Assistant/Facilitator**, Use of Brief DBT-A Program in a School-Based Setting
Duties: Co-facilitated a modified, 9-week dialectical behavior therapy for adolescents (DBT-A) intervention in 7th and 8th grade classrooms. Served as the primary facilitator for a group of substance-using students at an alternative school. Served as the primary facilitator for a group of 9th grade students referred for behavioral problems.
PI / Supervisor: Tamika C. B. Zapolski, IUPUI, Department of Psychology
- 8|2016 – 6|2017 **Practicum Student**, Substance Use Disorder Recovery Program, Richard L. Roudebush VA Medical Center, Indianapolis, IN
Duties: Provided individual therapy, group psychoeducation, and process-oriented group therapy (cognitive-behavioral therapy, motivational interviewing, cognitive processing therapy, rational emotive behavior therapy) to veterans in an intensive outpatient substance use disorder recovery program. Co-facilitated psychoeducation, psychotherapy, and relapse prevention groups weekly. Conducted intake assessments and provided consults. Conducted neuropsychological assessments focused on diagnosis of ADHD and neurocognitive disorders.
Supervisor: Dominic Letizia, Psy.D., HSPP, LCAC, Indiana University School of Medicine, Department of Psychiatry
- 1|2016 – 7|2016 **Practicum Student**, Marion County Juvenile Detention Center, Indianapolis, IN
Duties: Conducted comprehensive forensic assessments with detained adolescents. Assessments focused on diagnosis of mental illness, estimate of current intellectual functioning, and needed services. Prepared integrated reports of findings and recommendations for probation officers and court officials, including placement recommendations.
Supervisor: Matthew C. Aalsma, Ph.D., HSPP, Indiana University School of Medicine, Department of Pediatrics
- 9|2015 – 1|2016 **Practicum Student**, Larue D. Carter Memorial Hospital, Indianapolis, IN
Duties: Provided milieu therapy, individual therapy (cognitive-behavioral therapy, competence restoration), and supportive and psychoeducational group therapy to adult patients at an inpatient state psychiatric hospital. Facilitated goals group biweekly, conducted brief, routine assessments and supported a multidisciplinary treatment team.
Supervisor: M. Lezlie Blackford, Ph.D., HSPP, Indiana University School of Medicine, Department of Psychiatry

UNIVERSITY TEACHING

- Spring|2018 **Instructor, Health Psychology** (undergraduate), Department of Psychology, IUPUI

44 students, overall evaluation: 5.66/6

- Fall|2017 **Instructor, Health Psychology** (undergraduate), Department of Psychology, IUPUI
30 students, overall evaluation: 5.58/6
- Summer|2017 **Teaching Assistant, Statistics** (undergraduate), Department of Psychology, IUPUI
Duties: Facilitated statistics labs to supplement lecture and graded exams for a class of 25 students.
Instructor: Kevin Rand, Ph.D.
- Summer|2017 **Teaching Assistant, Life Span Development** (undergraduate; online), Department of Psychology, IUPUI
Duties: Graded written assignments, held online “office hours” via chatroom, and provided support to 54 students via email.
Instructor: Michelle Carroll, M.S.
- Summer|2016 **Teaching Assistant, Abnormal Psychology** (undergraduate; online), Department of Psychology, IUPUI
Duties: Graded written assignments and provided support to 84 students.
Instructor: Kimberly Dreison, M.S.
- Summer|2016 **Teaching Assistant, Introduction to Psychology** (undergraduate; online), Department of Psychology, IUPUI
Duties: Graded written assignments and provided support to 64 students.
Instructor: Samantha Meints, M.S.

UNIVERSITY AND COMMUNITY SERVICE

- 2018–Present Student Liaison/Representative for Clinical Faculty, Department of Psychology, IUPUI
- 2015–Present Respite Care Provider, Easter Seals Crossroads Disability Services, Indianapolis, IN
- 2018 Housing Coordinator for Graduate Interviews, Department of Psychology, IUPUI
- 2017 Volunteer Program Representative, Graduate School Boot Camp, IUPUI Graduate Office
- 2017 Social Event & Materials Coordinator for Graduate Interviews, Department of Psychology, IUPUI
- 2015 Abstract Review Committee, 24th Annual Meeting of the Society for Prevention Research
- 2015 Travel Coordinator for Graduate Interviews, Department of Psychology, IUPUI
- 2012–2014 Volunteer Tutor, Boys & Girls Club of San Francisco
- 2009 Volunteer Note-taker, Disabled Students’ Program, University of California Berkeley

WORKSHOPS AND SPECIALTY TRAININGClinical Training

- 2018 Schema Therapy Certification Training (19.5 hours)
Instructor: Heather Fretwell, M.D., Center for BPD Treatment and Research, Indiana University School of Medicine
- 2018 A New Therapy for Each Patient: Evidence Based Responsiveness
Instructor: John C. Norcross, Ph.D., University of Scranton
- 2017 ENCOMPASS: Integrated Treatment for Adolescents and Young Adults (2-day training for MET/CBT + CM for substance use disorders)
Instructor: Paula Riggs, M.D., University of Colorado School of Medicine
- 2017 Cognitive Behavioral Therapy for Insomnia and Other Sleep Disorders
Instructor: Yelena Chernyak, Ph.D., CBSM, HSPP, Indiana University School of Medicine
- 2016 Interpersonal Process Group Therapy
Instructor: Diane Sobel, Ph.D., HSPP, University of Kentucky
- 2015 Acceptance and Commitment Therapy
Instructor: Jennifer Lydon-Lam, Ph.D., Richard L. Roudebush VAMC

Analytic/Quantitative Training

- 2016 ICPSR Summer Program: Secondary Data Analysis and the National Addiction and HIV Data Archive Program (3-day workshop)
Instructor: Lisa Dierker, Ph.D., Wesleyan University
- 2016 Bayesian Data Analysis (2-day workshop)
Instructor: John Kruschke, Ph.D., Indiana University
- 2015 Multilevel Modeling (2-day workshop)
Instructor: Kevin M. King, Ph.D., University of Washington
- 2014 Mediation, Moderation and Conditional Process Analysis (2-day workshop)
Instructor: Andrew F. Hayes, Ph.D., Ohio State University

Other Training

- 2017 Seminar in Teaching Psychology (6-session seminar)
Instructor: Lisa Contino, Ph.D., IUPUI

RELEVANT COURSEWORK

Developmental Psychology
Human Neuropsychology
Clinical Neuroscience

Ethical, Legal and Cultural Issues in Psychology
Interventions in Health Psychology
Measurement Theory and the Interpretation of Data
Field Methods and Experimentation
Psychological Assessment II: Personality and Symptom Assessment
Psychological Assessment I: Intelligence Testing
Intervention II: Cognitive-behavioral Interventions
Intervention I: Counseling Approaches

REFERENCES

Available upon request