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## CURRICULUM VITAE

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### *Shedra Amy Snipes, Ph.D.*

Assistant Professor  
Department of Biobehavioral Health  
The Pennsylvania State University  
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(Rev: 8/1/12)

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### Research and Teaching Interests

Health Equity/Health Disparities in Minority Populations; Community-Based Participatory Research; Immigrant Health; Mexican Immigrant Farmworker Health

### Education

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|--------------------------|-----|----------------------------|------|
| University of Washington | PhD | BioCultural Anthropology   | 2007 |
| University of Washington | MA  | BioCultural Anthropology   | 2003 |
| Emory University         | BS  | Anthropology/Human Biology | 2000 |

### Positions

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|---------------------|--|
| Assistant Professor | Pennsylvania State University Department of Biobehavioral Health, 2010 – Present.      |
| Postdoctoral Fellow | University of Texas School of Public Health Division of Health Promotion, 2009 – 2010. |
| Postdoctoral Fellow | University of Texas MD Anderson Cancer, Health Disparities Department, 2007 – 2010.    |

### Grants and Fellowships

**Principal Investigator**, National Institutes of Health (NIH) National Institute of Environmental Health Sciences (NIEHS) R01 ES022675-01, “I’d Wear THAT! Novel Alternatives to Increase Farmworker Pesticide Protection Use” (Submitted June 2012); Direct Costs: \$2,941,000

**Principal Investigator**, Social Science Research Institute (SSRI) Pilot Funding, Pennsylvania State University, “Preventing Pesticide Exposure (PPE): A Pilot Intervention to Improve Farmworker Health”; 2012 – Present; Direct Costs: \$26,600.

**Co-Investigator**, National Science Foundation (NSF) “Advanced Self-Powered Systems of Integrated Sensors and Technologies (ASSIST)”; 2012 – Present; Principal Investigator: Veenra Misra; Direct Costs: \$18,500,000.

**Co-Investigator**, National Institutes of Health (NIH) National Institute of Child Health and Human Development, “Mexican Children of Immigrants Project”; Pennsylvania State University Population Research Institute, University Park, PA; 2010 – Present; Principal Investigator: Dr. Nancy Landale.

**Co-Investigator**, Social Science Research Institute (SSRI) /Clinical Translational Research Institute (CTSI) Cancer Control Seed Funding, Pennsylvania State University, “Patterns of Modifiable Behaviors for Cancer Prevention among U.S.- and Foreign-Born Vulnerable Populations”; 2012 – Present; Principal Investigator: Patricia Miranda; Direct Costs: \$50,000.

**Principal Investigator**, Center for Diverse Families and Communities Pilot Funding, Pennsylvania State University, “Preventing Pesticide Exposure (PPE): Formative Work Toward Intervention Development”; 2011 – Present; Direct Costs: \$7,500.

**Principal Investigator**, Kaiser Permanente Burch Minority Leadership Award for Emerging Scholars in Health Disparities Research, “Injuries, Exposures and Occupational Health: Policy Implications for Mexican Farmworkers”; 2010 – Present; Direct Costs: \$14,000.

**Post-doctoral Fellow**, National Cancer Institute (NCI) Cancer Education and Career Development Program; 2009 – 2010, Training Site: University of Texas Health Science Center School of Public Health, Grant #2R25CA57712. Mentors: Dr. Sharon Cooper, Dr. Maria Fernandez; Fellowship Director: Dr. Patricia Mullen

**Fellow/Recipient**, National Institutes of Health (NIH) Loan Repayment Program for Health Disparities Research, “Migrant Farmworker Ethno-Occupational Health Assessment” (L60 MD003115-01 and L60 MD003115-02); 2008-2011; Mentors: Dr. Collins Airhihenbuwa, Dr. Sharon Cooper, Dr. Lovell Jones.

**Post-doctoral Fellow**, W.K. Kellogg Foundation Health Disparities Scholars Program, Multidisciplinary Track; 2007 – 2010, Training Site: University of Texas M.D. Anderson Cancer Center. Mentor: Dr. Sharon Cooper; Fellowship Director: Dr. Lovell Jones.

**Co-Investigator**, Center for Studies in Demography and Ecology (CSDE) Seed Grant, Population Research Infrastructure Program, University of Washington, “Health Initiatives for Men (HIM): A Pilot Study”; 2009 – 2010; Principal Investigator: Kathleen O’Connor; Direct Costs: \$15,000.

**Co-Investigator**, Research Royalty Fund (RRF), University of Washington, “Health Initiatives for Men (HIM): A Pilot Study”; 2009 – 2010; Principal Investigator: Kathleen O’Connor, Direct Costs: \$40,000.

**Principal Investigator**, National Institute for Occupational Safety and Health (NIOSH), Southwest Center for Agricultural Health, Injury Prevention, and Education (SWAgC). “The Migrant Farmworker Experience: An Ethno-Occupational Health Assessment”; 2007 – 2009, Direct Costs: \$12,500.

**Principal Investigator**, National Science Foundation (NSF) Doctoral Dissertation Research Improvement Grant, Behavioral and Cognitive Sciences Division, Physical Anthropology, “Pesticides and Cortisol: A Bio-cultural Model”; 2004 – 2006; Direct Costs: \$15,000.

### Publications

#### *Journal Articles*

**Snipes SA**, Sellers SL, Tafawa AO, Cooper LA, Fields JC, Bonham VL. Is race medically relevant? A qualitative study of physicians' attitudes about the role of race in treatment decision-making. *BMC Health Services Research*. 2011;11:183. doi:10.1186/1472-6963-11-183. \*Designated “Highly Accessed”\*

King DW, Miranda PY, Gor B, Fuchs-Young R, Chilton J, Hajek R, Torres-Vigil I, Hernandez-Valero M, **Snipes SA**, Jones LH. Addressing cancer health disparities using a global biopsychosocial approach. *Cancer*. 2010;116:264-269. doi:10.1002/cncr.24765; NIHMS155309; PMID: 19924792.

Herrera AP, **Snipes SA**, King DA, Torres I, Laufman L, Weinberg A. Disparate inclusion of older adults in clinical trials: Priorities and opportunities for policy and practice change. *American Journal of Public Health*. 2010;100(Suppl 1):s105-s112. doi: 10.2105/AJPH.2009.162982; PMID: 20147682 [non-NIH funded].

**Snipes SA**, Thompson B, O’Connor K, Shell-Duncan B, King D, Herrera AP, Navarro B. Pesticides protect the fruit, but not the people... Using community-based ethnography to understand farmworker pesticide exposure risks. *American Journal of Public Health*. 2009;99(Suppl 3):s16-s21. doi:10.2105/AJPH.2008.148973; PMCID: PMC2774205; PMID: 19890166.

King D, **Snipes SA**, Herrera AP, Jones LA. Health and healthcare perspectives of African American residents of

an unincorporated community: A qualitative assessment” *Health and Place*. 2009;15:420-428.  
doi:10.1016/j.healthplace.2008.07.006; PMC2661620; PMID: 18835739.

**Snipes SA**, Thompson B, O’Connor K, Godina R, Ibarra G. An anthropological and psychological merge: Design of a stress measure for Mexican immigrant farmworkers. *Culture, Medicine and Psychiatry*. 2007;31(3):359-388.  
doi: 10.1007/s11013-007-9054-2; PMCID: PMC2917630; PMID: 17955350.

Thompson B, Coronado G, Islas I, **Snipes SA**. Methodologic advances and ongoing challenges in designing community-based health promotion programs. *Annual Review of Public Health*. 2003; 24:315-40.  
doi:10.1146/annurev.publhealth.24.100901.140819; PMID: 12471272.

#### *Book Chapters*

**Snipes SA**, Jones LA, Wilson D, Ezparza A (2009). “Cancer Burden of African Americans” in Health Issues in the Black Community. Ronald Braithwaite and Sandra Taylor, Eds. John Wiley and Sons, Inc. Hoboken, NJ.

#### Manuscripts Under Review or Revision

O’Connor K, Hayes-Constant T, **Snipes, SA**, Trumble BC, Ridley MC, Goodreau SM, Morrison DM, Shell-Duncan BK, Guyton AC, Pelman RS (Under Review). “Qualitative Findings from the Health Initiatives for Men Study (HIM): How Men Think About, Talk About and Practice Health.”

**Snipes SA**, Del Pilar SG (Under Review). “Pesticide Safety Interventions from 2000 - 2011: A Review of Outcomes, Successes and Limitations.”

Wafula E, **Snipes SA** (Under Review). “Health Care Access among Black Immigrants in the US: Theoretical Considerations and Recommendations.”

#### Manuscripts In Preparation

**Snipes SA**, O’Connor K, King DA, Coronado, G.C., Barr D, Thompson B (Under Revision). “Organophosphate Pesticide Exposure Linked to Cortisol Increase among Mexican Immigrant Farmworkers in Washington State.”

**Snipes SA**, Cooper SP, Shipp EM. “Worker Vulnerability in the Fields: Narratives Reveal Words, Phrases, and Approaches to Discover Injuries among Mexican Immigrant Farmworkers.”

**Snipes SA**, Carroll, D. “Injury Contexts of the Agricultural Worker: Implications for Prevention and Policy.”

Grow H, **Snipes SA**, Del Pilar SG. “Variation in Perceived Stress by Work Season and Gender among Mexican Immigrant Farmworkers”

Morales-Campos D, **Snipes SA**, Fernandez ME. “HPV Knowledge, Awareness and Attitudes Inform Cervical Cancer Prevention Beliefs among Mexican Families along the TX-MX Border.”

#### Mentoring of Graduate Students

**Valerie King, MA**, Doctoral Candidate  
Biobehavioral Health, Penn State University  
Dissertation Committee Member, Spring 2011 – present

**Donaldson Conserve**, Doctoral Candidate  
Biobehavioral Health Doctoral, Penn state University  
Dissertation Committee Member, Fall 2011 – present

**Kayla Harris**, 3<sup>rd</sup> Year Doctoral Student

Counselor Education, Counseling Psychology Doctoral Student, Penn State University  
Dissertation Committee Member, Spring 2012 – present

**Heather Eastman-McArthur, MS**, Graduate Student  
Biobehavioral Health, Penn State University  
Masters Committee Member, Fall 2011 – Spring 2012

**Amy Danielle Thierry, MS\***, 2<sup>nd</sup> Year Doctoral Student  
Biobehavioral Health, Penn State University  
Primary Advisor and Dissertation Chair, Fall 2011 – present

**Lindsey Varvil-Weld, MS**, Doctoral Candidate  
Biobehavioral Health, Penn State University  
Dissertation Committee Member and NRSA Fellowship Co-Advisor, Fall 2011 – present

### Supervision of Undergraduate Research

#### **Hanna Grow**

2011 Graduate of Penn State University  
Major: Health Policy and Administration  
Supervised Research: Fall 2011 – present  
*Current Position: 2012 – 2014 Peace Corp Volunteer*  
*Paper in progress: “Variation in Stress by Work Season and Gender among Mexican Immigrant Farmworkers”*

#### **Brian Beachler**

2011 Graduate of Penn State University (with Honors)  
Major: Biobehavioral Health  
Supervised Honors Research: Fall 2010 – Summer 2011  
*Current Position: Operations Coordinator for Health Leads, Providence, RI*  
*Honors Thesis: “Assessing the Relationship between Discrimination and Health among Mexican Immigrant Farmworkers”*

#### **Julie Fields**

2007 Graduate of the University of Maryland  
Major: Biology  
Supervised Research: Summer 2007 – Fall 2008  
*Current Position: 2011 Graduate of Johns Hopkins School of Medicine; 2012 Medical Intern*  
*Papers Published: Snipes SA, Sellers SL, Tafawa AO, Cooper LA, Fields JC, Bonham VL. Is Race Medically Relevant? A Qualitative Study of Physicians' Attitudes about the Role of Race in Treatment Decision-Making. BMC Health Services Research. 2011;11:183. doi:10.1186/1472-6963-11-183.*

#### **Ruby Godina**

2007 Graduate of the University of Washington  
Major: Sociology  
Supervised Research: Fall 2003 – Spring 2005  
*Current Position: 4<sup>th</sup> year PhD Student in Social Work at the University of Washington*  
*Papers Published: Snipes SA, Thompson B, O'Connor K, Godina R, Ibarra G. An anthropological and psychological merge: Design of a stress measure for Mexican immigrant farmworkers. Culture, Medicine and Psychiatry. 2007;31(3):359-388. doi: 10.1007/s11013-007-9054-2; PMID: PMC2917630; PMID: 17955350.*

**Professional Presentations**

**Snipes SA.** “Culture and Health: Meaningful Ways to Protect Mexican Immigrant Farmworkers”, Dickinson College, Carlisle, PA. October 2011. (Invited Speaker)

**Snipes SA.** “Using Cultural Ethnography to Create Meaningful Ways to Protect Mexican Immigrant Farmworkers”, Pennsylvania Office of Rural Health Migrant and Immigrant Health Conference, Indiana, PA. March 2011. (Keynote Speaker)

**Snipes SA, Sellers SL, Tafawa AO, Cooper LA, Fields JC, Bonham VL.** Is Race Medically Relevant? A Qualitative Study of Discrimination, Bias and the Role of Race in Treatment Decision-Making. National Institutes of Health Conference on the Science of the Study of Discrimination in Health, Washington, DC. February 2011. (Poster Presentation)

**Snipes SA.** “A Healthy Dose of Culture Equals an Ounce of Prevention: Using Cultural Ethnography to Inform Intervention Design for Mexican Immigrant Farmworkers”, Prevention Research Center Spring Seminar Series, Penn State University, January 2011. (Invited Speaker)

**Snipes SA.** “Pesticides Protect the Fruit but Not the People”, Pennsylvania Office of Rural Health Migrant and Immigrant Health Conference, Reading, PA. March 2010. (Keynote Speaker)

**Snipes SA.** Plenary Discussion on Cross-Track Research Integration in Multidisciplinary and Community-based Research Methods, Annual Meeting of the Kellogg Health Scholars Program, Washington, DC. June 2009. (Discussant)

**Snipes SA.** “Ethno-Health Disparities” Approach: Using Bio-Cultural Anthropology to Address Mexican Immigrant Farmworker Health Disparities”, University of Georgia Global Health Symposium, Athens, GA. March 2009. (Invited Speaker)

Herrera AP, Goldberg D, King D, Laufman L, **Snipes SA**, Spiker C, Torres I, Weinberg A. “Age-based Disparities in Clinical Trials: Barriers and Multi-Level Policy Solutions”, American Public Health Association 136<sup>th</sup> Annual Meeting, San Diego, CA. November 2008. (Oral Presentation)

**Snipes SA.** “Migration and Transnationality: Migrant Farmworker Health Disparities Along the Texas-Mexico Border”, United States and France Joint Symposium on Social Determinants of Health Toulouse, France. March 2008. (Invited Speaker)

**Snipes, SA.** “Spotlight on Disparities Research: Approaches, Findings, and Linking Researchers and Communities”, National Association of Community Health Centers Community Health Institute, New Orleans, LA, Fall 2008.

**Snipes SA, Jones LA.** “Health Disparities Education: Teaching, Training, and Tele-learning”, National Conference on Health Communication, Marketing and Media at the Centers for Disease Control and Prevention (CDC), Atlanta, GA. August 2007. (Oral Presentation)

**Snipes SA, O’Connor K, Thompson B.** “Low-Dose Organophosphate Pesticide Exposure and Salivary Cortisol Levels Among Farmworkers in Washington State” Annual Meeting of the Human Biology Association (HBA). March-April 2007. *American Journal of Human Biology* 2007;19:2:278. (Poster Presentation/Published Abstract)

**Snipes SA, Thompson B, Godina R, O’Connor K, Ibarra G.** “Measuring Stress in a Culturally-Appropriate Manner: Design of a Stress Scale for Mexican Immigrant Farmworkers”, Annual Meeting of the Society for Applied Anthropology (SfAA), Vancouver, BC. March 2006. (Oral Presentation)

**Snipes SA**, Thompson B, Godina R, O'Connor K, Ibarra G. "Linking the Anthropological and the Psychological: Design of a Stress Measure for Mexican Immigrant Farmworkers", American Psychological Association (APA) Annual Convention, Washington, DC. August 2005. (Oral Presentation)

**Snipes SA**. "Human Habits and Habitats: Mexican immigrant farmworkers' exposure to pesticides and other agricultural chemicals", Department of Anthropology Outreach Event, University of Washington, Seattle, WA. April 2005. (Invited Speaker)

#### Courses Taught

**Instructor**, Biobehavioral Health (BBH) 101, Introduction to Biobehavioral Health, Pennsylvania State University, University Park, PA, Spring 2012.

**Instructor**, Biobehavioral Health (BBH) 590, Colloquium, Pennsylvania State University, University Park, PA, Fall 2011, Spring 2012.

**Instructor**, Biobehavioral Health (BBH) 596, Individual Studies, Pennsylvania State University, University Park, PA, Fall 2011, Spring 2012.

**Instructor**, Biobehavioral Health (BBH) 119, Behavior, Health and Disease, Pennsylvania State University, University Park, PA, Spring 2011, Fall 2011, Fall 2012.

**Instructor**, Biobehavioral Health (BBH) 494H, Directed Research/Honors Thesis, Pennsylvania State University, University Park, PA, Spring 2011.

**Instructor**, Biobehavioral Health (BBH) 602, Supervised Experiences in College Teaching, Pennsylvania State University, University Park, PA, Spring 2011.

**Lecturer/Teaching Assistant**, Qualitative Research Methods for Public Health, University of Washington School of Public Health, Department of Health Services, Seattle, WA, Spring 2004.

**Instructor**, Applied Qualitative Methods in Community Health Assessment, University of Washington, Department of Anthropology, Seattle, WA, Spring 2003.

#### Other Teaching and Lectures

**Lecture**, "Environmental Determinants of Health: Cultural and Community Models for Environmental Safety" for Health Policy and Administration (HPA) 410, Principles of Public Health Administration, Pennsylvania State University, University Park, PA, Fall 2011.

**Lecture**, "Mexican Immigrant Farmworker Health Disparities and Research Applications" for Biobehavioral Health (BBH) 501, Biobehavioral Systems in Health and Development: Theory and Processes, Pennsylvania State University, University Park, PA, Fall 2011.

**Lecture**, "Mexican Immigrant Farmworker Health Disparities and Research Applications" for Biobehavioral Health (BBH) 302, Diversity and Health, Pennsylvania State University, University Park, PA, Fall 2011.

**Lecture**, "Mexican Immigrant Farmworker Health Disparities and Research Applications" for Biobehavioral Health (BBH) 316, Foundations and Principles of Health Promotion, Pennsylvania State University, University Park, PA, Fall 2011.

**Lecture**, The University of Texas MD Anderson Cancer Center, Center for Research on Minority Health, Department of Health Disparities Research 6<sup>th</sup> Annual Summer Workshop, “Disparities in Health in America: Working Toward Social Justice”, Houston, TX, Summer 2011.

**Lecture**, “Mexican Immigrant Farmworkers: A Research Example” for Biobehavioral Health (BBH) 148S, Coping with College: A First Year Transition Seminar, Pennsylvania State University, University Park, PA, Spring 2011.

**Lecture**, “Mexican Immigrant Farmworker Health Disparities and Research Applications” for Biobehavioral Health (BBH) 302, Diversity and Health, Pennsylvania State University, University Park, PA, Spring 2011.

**Lecture**, “Environmental Determinants of Health: Cultural and Community Models for Environmental Safety” for Health Policy and Administration (HPA) 410, Principles of Public Health Administration, Pennsylvania State University, University Park, PA, Spring 2011.

**Lecture**, The University of Texas MD Anderson Cancer Center, Center for Research on Minority Health, Department of Health Disparities Research 6<sup>th</sup> Annual Summer Workshop, “Disparities in Health in America: Working Toward Social Justice”, Houston, TX, Summer 2010.

**Lecture**, “US Immigrants, Health, and Work Safety”, University of Texas School of Public Health, Management, Policy and Community Health Division (Global Health Concentration), Houston, TX, Spring 2010.

**Lecture**, “Society and Health: Immigration and Globalization”, University of Texas School of Public Health, Behavioral Science Division, Houston, TX, Spring 2010.

**Lecture**, The University of Texas MD Anderson Cancer Center, Center for Research on Minority Health, Department of Health Disparities Research 6<sup>th</sup> Annual Summer Workshop, “Disparities in Health in America: Working Toward Social Justice”, Houston, TX, Summer 2009.

**Lecture**, “Qualitative Research Methods for Public Health and Cancer Prevention”, University of Texas School of Public Health, Behavioral Science Division, Houston, TX, Spring 2009.

**Lecture**, The University of Texas MD Anderson Cancer Center, Center for Research on Minority Health, Department of Health Disparities Research 6<sup>th</sup> Annual Summer Workshop, “Disparities in Health in America: Working Toward Social Justice”, Houston, TX, Summer 2008.

**Lecture**, Alvin Independent School District Texas Health Science Career Education Program, Manvel High School, Manvel, TX, Fall 2008.

#### **Key Skills**

**Language:** Spanish, Moderate Speaking and Reading Ability

**Laboratory Training:** Enzyme immunoassay (EIA) – Urinary Luteinizing Hormone (LH), Follicle Stimulating Hormone (FSH), Progesterone (PDG), Estrogen (E1C, E1G), and Salivary Cortisol.

**Field Research Training:** Enhanced Mixed Methods (Qualitative, Quantitative, and Biomarker Collection), Ethnography, Community-Based Participatory Research (CBPR), Bio-specimen collection – urine, saliva

#### **Professional Memberships**

International Society of Equity in Health (2011-Present)  
 American Academy of Health Behavior (2011-Present)  
 American Anthropological Association (2006-Present)

Kellogg Health Scholars Alumni Network (2009-Present)  
 Society for Applied Anthropologists (2006-2010)  
 Human Biology Association (2007-2010)

#### **Research Community Memberships**

Cross-National Initiative for Migration, Place and Health, Funded by the Robert Wood Johnson Foundation (RWJF) and the W.K. Kellogg Foundation (2009-Present)

*Redes En Acción*, The National Latino Cancer Research Network – Central Region, Funded by the National Cancer Institute, NCI (2007)

Texas LINCC: Latinos in Action for Cancer Control of the Cancer Prevention and Control Network, CPCRN, Funded by the Centers for Disease Control, CDC (2007)

#### **Honors and Media Features of Research**

2011-2012 American Association of Health Behavior (AAHB) Mentoring Program Award

Selected as 1 out of 12 Emerging Scholars of 2010, Featured in *Diverse Issues in Higher Education*.  
<http://mydigimag.rrd.com/publication/?i=29479>

Article “Cultural Beliefs about Pesticides Put Farmworkers at Risk”, published online by the Health Behavior News Service, Center for the Advancement of Health (November 2009)  
<http://www.cfah.org/hbns/archives/getDocument.cfm?documentID=2137>

Research featured in University of Washington College of Arts and Sciences Newsletter (March 2006)  
<http://www.artsci.washington.edu/newsletter/WinterSpring06/Snipes.htm>

Center for Studies in Demography and Ecology (CSDE) Web Spotlight (May 2005)  
<http://csde.washington.edu/events/spotlight/spotlight05.09.21.shtml>

Featured on “CNN News Room” as Future Black Scientist (February 2000)

#### **Manuscript Reviews**

Social Science and Medicine  
 American Journal of Public Health  
 International Journal of Occupational and Environmental Health  
 PLoS ONE (Published by the Public Library of Science)

#### **Grant Reviews**

National Aeronautics and Space Administration (NASA) Harriet G. Jenkins Predoctoral Fellowship  
 W.K. Kellogg Foundation Health Scholars Fellowship Program

\*References available upon request