

Natalie B. Aviles

Curriculum Vitae

Department of Sociology
University of California-San Diego
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EDUCATION

University of California-San Diego

2016 (anticipated) Ph.D., Sociology and Science Studies
Dissertation: "Cancer Research *in Situ*: Organizational Cultures in the National Cancer Institute, 1961-2008"
Committee: Martha Lampland (Chair), Richard Biernacki, Jeffrey Haydu, Charles Thorpe, Catherina Gere, Tal Golan

2011 M.A., Sociology
Concentration in Science and Medicine

University of California-Berkeley

2008 B.A., Sociology
Highest Honors

RESEARCH INTERESTS

Social Theory; Sociology of Knowledge, Science, and Technology; Medical Sociology; Sociology of Culture; Comparative-Historical Methods; Sociology of Organizations

PEER-REVIEWED PUBLICATIONS

Aviles, Natalie B. and Isaac Ariail Reed. "Ratio via machina: Three standards of mechanistic explanation in sociology." Accepted at *Sociological Methods & Research*.

Aviles, Natalie B. 2015. "The little death: Rigoni-Stern and the problem of sex and cancer in 20th century biomedical research." *Social Studies of Science* 45(3): 394-415.

- Winner of the 2015 Hacker-Mullins Student Paper Award, Science, Knowledge, and Technology Section. American Sociological Association.

WRITING IN PROGRESS

Aviles, Natalie B. "Moving targets in the War on Cancer: A pragmatic process theory of organization in the National Cancer Institute."

Aviles, Natalie B. "What probable alternatives tell us about the possibilities for ethical action:

A case study of HPV vaccine development.”

Mullins, Ian, Natalie B. Aviles, and Vanessa Carol. “Discovering the conservative brain: How political scientists produce evidence of the biological origins of political ideology by adopting controversial technologies from neuroscience.”

HONORS AND AWARDS

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| 2015 | Hacker-Mullins Student Paper Award, Science, Knowledge, and Technology Section. American Sociological Association. Certificate of Recognition for Excellence in Undergraduate Mentoring, Sociology Department. University of California-San Diego. |
| 2014 | TA Excellence Award, Sociology Department. University of California-San Diego. Distinguished Pass in Field Examinations. University of California-San Diego. |
| 2008 | Departmental Citation Honorable Mention, Sociology Department. University of California-Berkeley. |

FELLOWSHIPS AND GRANTS

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| 2015-2016 | UC President’s Dissertation Year Diversity Fellowship. University of California-San Diego. Center for the Humanities Dissertation Writing Fellowship. University of California-San Diego. |
| 2015 | Science Studies Program Research Stipend. University of California-San Diego. Science Studies Program Travel Grant. University of California-San Diego. |
| 2014 | Sociology Department Summer Research Grant. University of California-San Diego. Sociology Department Travel Grant. University of California-San Diego. Dean of Social Sciences Travel Fund. University of California-San Diego. |
| 2009-2013 | San Diego Pre-Doctoral Diversity Fellowship. University of California-San Diego. |

CONFERENCE PRESENTATIONS

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| 2015 | “Moving targets in the War on Cancer: Toward a pragmatic event-based theory of organizational culture in the National Cancer Institute.” Invited speaker. Junior Theorists Symposium. Chicago, IL. |
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| | <p>“Ratio via machina: Three standards of mechanistic explanation in sociology.” Annual Meeting of the American Sociological Association. Chicago, IL.</p> <p>“Outline for a pragmatic event-based theory of organization.” Annual Meeting of the UCSD Sociology Department Graduate Student Conference. La Jolla, CA.</p> <p>“Explaining HPV vaccine technology: Goal-oriented versus pragmatic models of action.” Annual Meeting of the Pacific Sociological Association. Long Beach, CA.</p> |
| 2014 | <p>“The little death: The problem of cancerous sex in twentieth century biomedicine.” Annual Meeting of the American Sociological Association. San Francisco, CA.</p> <p>“Mechanistic explanation and ontological commitment: Preserving productive tensions in qualitative sociology.” Annual Meeting of the UCSD Sociology Department Graduate Student Conference. La Jolla, CA.</p> |
| 2013 | <p>“The little death: Twentieth century biomedicine and the search for oncogenic sex.” Annual Meeting of the UCSD Sociology Department Graduate Student Conference. La Jolla, CA.</p> |
| 2010 | <p>“On popular audiences for Science Studies.” UCSD Science Studies Program 20th Anniversary Conference. La Jolla, CA.</p> |
| 2008 | <p>“Victims and vectors: Gendering the human papillomavirus.” Annual Meeting of the Pacific Sociological Association. Portland, OR.</p> |

INVITED LECTURES

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| 2014 | <p>“Critical realism and mechanistic explanation.” Sociology 234: Intellectual Foundation of the Study of Science, Technology, and Medicine. Graduate Seminar. University of California-San Diego.</p> |
| 2012 | <p>“Illness in the developing nations: Global health implications of HPV vaccination regimes.” Sociology 40: Sociology of Health Care Issues. Undergraduate Course. University of California-San Diego.</p> |

TEACHING

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| 2015 | <p>Instructor. Sociology Department, University of California-San Diego. Sociology 135: Medical Sociology Upper-division undergraduate course, drawing substantial enrollments from biology and public health majors.</p> <p>Co-Instructor. Academic Connections Program, University of California-San Diego Extension Social Problems and Civic Action</p> |
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College preparatory course for high-achieving high school students, the majority of whom were disadvantaged youth from the local community.

2010-2014 Teaching Assistant. Sociology Department, University of California-San Diego.
TAed 4 courses on Classical Sociological Theory and 4 courses on Sociology of Health Care Issues. Also TAed Introduction to Sociology, Introduction to Social Research Methods, and Sociology of Scientific Knowledge.

DEPARTMENTAL SERVICE

2015 Organizer, Undergraduate Sociology Club Diversity Forum.

2014 Graduate Student Representative, Sociology/Science Studies Hiring Committee.
Chair, Ad Hoc Steering Committee for the Graduate Student Community Committee.
Organizer, Graduate Student Conference Planning Committee.

PROFESSIONAL MEMBERSHIP

American Sociological Association (ASA)
Society for Social Studies of Science (4S)
Pacific Sociological Association (PSA)

REFERENCES

Martha Lampland
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Dissertation committee member