

## Andrea Sullivan-Clarke

Indiana University Bloomington  
History and Philosophy of Science and Medicine Dept.  
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### Education

University of Washington	Seattle, WA	September 2005 – June 2015
<b>Doctor of Philosophy, June 2015</b>		
<b>Master of Arts, Philosophy May 2009</b>		
American University	Washington, DC	Summer 2004
<b>Washington Internship for Native Students Scholarship</b>		
University of Colorado	Boulder, CO	Aug. 2001 – June 2007
Oklahoma State University	Stillwater, OK	Aug. 1988 - May 1999
<b>Bachelor of Science, Philosophy</b>		
United States Military Academy	West Point, NY	July 1984 - Nov. 1985
<b>First Female from Oklahoma to Attend</b>		

### Dissertation

“Analogical Reasoning in Scientific Practice: The Problem of Ingrained Analogies”

#### Abstract:

Analogical reasoning plays numerous roles in scientific practice, ranging from the metaphors that direct scientific inquiry to ones that inform government as well as social policy. In some cases, the analogy is explicit and carefully controlled. Often, however, scientific communities are not aware of the biases that are a part of the analogies that direct their research. When the analogical correspondences presupposed by a metaphor are taken for granted, a community’s uncritical use of analogy becomes problematic. For example, the *race as species* metaphor that guided 19<sup>th</sup> century race science endorsed a research program, which promoted a hierarchy of race based on assumptions consistent with societal expectations. In this case, not only did analogical reasoning hinder the acquisition of knowledge, it also resulted in a federal policy that had profound, negative effects, Indian Removal. In my dissertation, I argue that scientific communities must subject their metaphors to a robust systematic and critical assessment. In order to maximize the effectiveness of their critical practice, I develop strategies that augment the epistemic diversity of the community. When communities rely on these strategies, they not only avoid being misled by analogical reasoning, but they also become more socially responsible by employing knowledge producing practices that limit harm.

#### Dissertation Committee:

Alison Wylie (Chair), Lynn Hankinson-Nelson, Andrea Woody, Carole Lee, Paul Bartha (University of British Columbia) and Bruce Hevly (UW Graduate School Representative)

### **Areas of Specialization**

Philosophy of Science (Values), Social Epistemology, Indigenous Philosophy

### **Areas of Competence**

Feminist Philosophy, Practical Reasoning, Philosophy of Biology

### **Grants and Fellowships**

Empowering Exchanges (EE)

- 2018-20 University of Windsor Teaching Leadership Chair program *Looking to the Future in a New Way: Open Hearts and Open Minds* to fund a creative workshop on Indigenous Philosophy for high school students in the Windsor-Essex School District, \$2000.

Inclusive Summer High School Institute (ISHIP 2017)

- The American Philosophical Association Diversity and Inclusion Grant (2016-2017) to fund the initial year of a weeklong institute for high school students from groups traditionally underrepresented in philosophy, \$10,000.
- The Prindle Institute for Ethics at DePauw University, increasing the attendance from 10 to 18 \$10,000.

Graduate Student Equity and Excellence (formerly “GO-MAP Minority Dissertation Fellowship”), Bank of America

- University of Washington, 2005-2006 and 2012-2013

### **Awards and Honors**

Biennial Early Career Scholar Article Prize, *Studies in History and Philosophy of Biological and Biomedical Sciences*, 2013-2015

Teaching Excellence Letter of Recognition  
University of Washington, Spring Quarter 2009

Doctoral Student Fellowship for the Institute on the Public Humanities  
The Simpson Center for the Humanities, University of Washington, Summer 2008

Ed Edmondson Tuition Scholarship, The Sovereignty Symposium XIX  
Oklahoma City, Oklahoma, May 31- June 1, 2006

Outstanding Senior in Philosophy, Oklahoma State University, 1991

Oklahoma Scholar-Leadership Enrichment Program  
University of Oklahoma, April 1991

### **Publications**

Books:

“Ways of Being in the World: An Introduction to the Indigenous Philosophy of Turtle Island,” Edited by Andrea Sullivan-Clarke, September 14, 2023.

Book Chapters:

Ethics: A Manual for Data Scientists edited by Tracey Dowdeswell & Naschon (Sean) Goltz. Chapman & Hall/CRC Data Science Series. (Collaboration with Dr. J. Miller, West Chester University).

- Ethical Approaches in Data Science- Indigenous Ethics Introduction
- Chapter 7: Content Moderation: Hate Speech & Genocide in Myanmar
- Chapter 6: Biometrics & Facial Recognition
- Chapter 5: Synthetic Media & Political Violence

Articles:

“Do the Objections of Darwin’s Critics Indicate the Use of a Proportional Analogy in the Origin?” *Metascience*. 31, 145-149.

“Listening to Our Future: On Pre-College Outreach and Enrichment for Native Youth,” *American Philosophical Association Newsletter (Newsletter on Indigenous Philosophy)* 17 (2), Edited by Agnes Curry, 9-14.

“Misled by Metaphor: The Problem of Ingrained Analogy,” *Perspectives on Science* 27 (2), March-April 2019, 153-170.

“On the Causal Efficacy of Natural Selection: A Response to Richards’ Critique of the Standard Interpretation of the *Origin*,” *Studies in History and Philosophy of Biological and Biomedical Sciences* 44 (2013) 745–755.

“Strategic ignorance, is it appropriate for Indigenous resistance?” *Critical Review of International Social and Political Philosophy (CRISSP)*, 27(1), January 2024, 78–93.

“Tips for Teaching Native American Philosophy,” *American Philosophical Association Newsletter (Newsletter on Indigenous Philosophy)* 17 (1), Edited by Agnes Curry, 9-14.

Reviews:

*Philosophy of Science after Feminism*, by Janet A. Kourany. *Hypatia: A Journal of Feminist Philosophy*, October 2012.

Other:

“Narcissus Revealed,” *Ahani: Indigenous American Poetry*, Allison Adelle Hedge Coke, Guest Editor, Corvallis: Poetry International. [To Topos Poetry International](#)

“Walk On, Dear Sister, Walk On,” created for the Ontario Native Women’s Association Appeal to the Canadian Government to address the issue of Missing and Murdered Indigenous Women. October 2018.

## **Presentations**

“Preventing a Crisis in Planetary Metaphysics: The Need for a Decolonial Paradigm” (Keynote) From Crisis to Coordination: Conversations between Philosophy of Environmental Justice and Philosophy of Conservation Science, University of Minnesota, 23-25 May 2024

“Strategic Ignorance and Two Objections Involving Indigenous Epistemology”

- American Philosophical Association, Central Division, APA Committee on Native

American and Indigenous Philosophy Session, February 24, 2023

- University of Waterloo, January 27, 2023

“Best Practices for Incorporating Indigenous Philosophy into Your Syllabus,” American Philosophical Association-Eastern Division, Teaching Hub Session January 5, 2023.

“Strategic Ignorance, Is It Indigenous?”

- Cosmopolitan Philosophy at UC Berkeley, September 27, 2022.
- University of Washington Feminist Philosophy Reading Group, June 6, 2022.
- Emmanuel College's Fourth Annual Boston Undergraduate Philosophy Conference (Keynote) April 23, 2022.

“Ways of Being in the World”

- HRG Fellowship online presentation to the public, February 22, 2022.
- Windsor-Essex School District, January 7, 2022.

“Native American Identity,” American Indian Science and Engineering Society (AISES), University of Colorado, November 9, 2021.

“A Tale of Two Statements: How Land Acknowledgement Speech Acts Misfire,” Keynote Address-Graduate Philosophy Conference, Univ. of Illinois-Urbana-Champaign, May 1, 2021.

“A Way of Being in the World: Native American and First Nations Philosophy,” Martin Wesley Series of the Humanities Research Group, University of Windsor Public Lecture, January 21, 2020.

“Relations and How Decolonial Allies Acknowledge Land,” American Philosophical Association-Western Division, Committee Session: Land Acknowledgment: Traditions, Relations, and Land Ontology, January 10, 2020.

“Resilience and Perseverance: Becoming a First-Generation Indigenous Philosopher,” Aboriginal Post-Secondary Information Program (APSIP), Journey to Success Career Fair at St. Clair College, Windsor, ON, November 22, 2019.

“Empowering Relations: An Indigenous Understanding of Allyship”

- APA Committee Session: Committee on Native American and Indigenous Philosophers: Decolonizing and Indigenizing Philosophy, Pacific Division Conference, April 19, 2019

“Decolonizing ‘Allyship’ in Indian Country: Lessons from #NODAPL/Empowering Relations: An Indigenous Understanding of Allyship,” American Philosophical Association-Western Division, Committee Session: Decolonizing and Indigenizing Philosophy, April 19, 2019.

“Decolonizing ‘Allyship’ for Indian Country: Lessons from #NODAPL,” University of Alberta, November 8, 2018.

“Misled by Metaphor: The Problem of Ingrained Analogy,” University of Alberta, November 7, 2018.

“Preparing a Seat at the Table: Indigenous Philosophy” World Philosophy Day, University of Windsor, November 15, 2018.

“Lessons from NoDaPL: Decolonizing ‘Allyship’ for Indian Country,” Bellevue College, November 13, 2017.

“Misled by Metaphor: Ingrained Analogies and Science,” Wabash College, April 20, 2017.

“Metaphor Guided Research and the Need for Robust Critique,” Metaphors in Use, Lehigh University Third Annual Conference, October 8-9, 2015.

“Analogical Reasoning and Scientific Practice”:

- UW Undergraduate Philosophy Club, University of Washington, April 20, 2015. (Invited)
- STS Research Exchange: University of Washington History/Philosophy Departments and the History Department of the University of British Columbia, March 14, 2011.

“The Problem of Ingrained Analogy”

- The Society for Philosophy of Science in Practice (SPSP), University of Exeter, June 22-24, 2011. (Refereed)

“Mixed Race Epistemologies: A Possible Complement to Feminist Critiques of Science?”:

- *Hypatia's* 25<sup>th</sup> Anniversary Conference, University of Washington, October 22-24, 2009.
- The Eastern Society for Women in Philosophy (SWIP) Conference, John Carroll University, March 28, 2009.

“Cultural Diversity: It’s in Everybody’s Interest”:

- Special Session Arranged by the APA Committee on the Status of American Indians in Philosophy, American Philosophical Association Pacific Division, Portland, March 21-26, 2006. (Invited)
- The Society for Philosophy in the Contemporary World Conference, Western Carolina University, July 16-21, 2004. (Refereed)

“The Essential Indian”: The Rocky Mountain Interdisciplinary History Conference, University of Colorado, September 24-25, 2004. (Invited)

“Consilience and Smoking Guns: Scientific Validity and the Darwin-Wallace Debate”: The Rocky Mountain Interdisciplinary History Conference, University of Colorado, September 19-20, 2003. (Invited)

## Teaching Experience

**Indiana University Bloomington, Fall 2024 – Present**  
**Associate Professor**

**University of Windsor, Fall 2018 – Summer 2024**  
**Assistant Professor**

Contemporary Moral Issues  
Reasoning Skills  
Introduction to Philosophy  
Indigenous Thought of the Americas  
Environmental Ethics  
Philosophy and Language

**University of Washington, Spring 2018**  
**Adjunct Faculty**  
Practical Reasoning

**Bellevue College Winter 2018**  
**Adjunct Faculty**  
Introduction to Philosophy

Contemporary Moral Problems

**DePauw University 2016 – 2017**

**Consortium for Faculty Development Postdoctoral Fellow**

Introduction to Philosophy

Native American Philosophy

Feminist Philosophy of Science

Ethical Issues in Indian Country

**Seattle University Spring 2016**

**Adjunct Faculty**

Introduction to Philosophy

**Green River College Winter 2016**

**Adjunct Faculty**

Critical Thinking

Introduction to Philosophy (Hybrid)

**Pacific Lutheran University Fall 2015**

**Contingent Faculty**

Women and Philosophy

**University of Washington – Tacoma**

**Instructor**

Introduction to Philosophy

Summer 2014

Practical Reasoning

Winter 2014, Spring 2014

**University of Washington – Seattle**

**Instructor**

Introduction to Moral Problems

Summer 2013

Practical Reasoning

Spring 2011, Winter 2014

Introduction to Philosophy for 5<sup>th</sup> and 6<sup>th</sup> Graders

Summer 2006

The Robinson Center for Young Scholars

Summer Challenge

Associate Director for Summer Programs: Dr. Maren Halvorsen

**University of Washington**

**Teaching Assistant**

Introduction to Philosophy PHIL 100

Instructor: Dr. Ann Baker (Fall 2006 & 2008)

Contemporary Moral Problems PHIL 102

Instructor: Dr. Adam Moore (Spring 2009 & 2012)

Philosophy of Law PHIL 114

Instructor: Ron Moore (Spring 2015)

Practical Reasoning PHIL 115

Instructor: Dr. Carole Lee (Winter 2009)

Practical Reasoning (Online Course) PHIL 115

Instructor: Dr. Ann Baker (Fall 2014)

Symbolic Logic PHIL 120

Instructors: Dr. Arthur Fine (Spring 2007), Dr. John Manchak (Fall 2010 & 2011), Dr. Jonathan Peeters (Winter 2012)

Introduction to Philosophy of Science PHIL 160

Instructor: Dr. Lynn Hankinson-Nelson (Winter 2007 & 2011)

Medical Ethics PHIL 242

Instructor: Dr. Sara Goering (Winter 2010)

Crime and Punishment PHIL 314

Instructor: Dr. Ron Moore (Spring 2014 & Winter 2015)

Plato's Republic PHIL 335

Instructor: Dr. David Keyt (Fall 2009)

#### **Guest Lecturer**

"Native American Identity," University of Windsor, Political Science Course,

"Aristotle on Friendship," Univ. of Windsor, Women and Gender Studies Course, November 2018.

"American Indian Philosophy- Viola Cordova" Green River College Philosophy Club (Veritas), Green River College, January 12, 2016

"Kantian Ethics" Introduction to Moral Problems Course (PHIL 102) at the request of Dr. Adam Moore, The University of Washington, April 26, 2012

"Social and Ethical Issues in Nanotechnology" The Nanotech User Facility at the request of Dr. Alec Pakhomov, The University of Washington, April 2011

"Ethical Reasoning and Science" Ethics in Nanotechnology Course at the request of Dr. Marjorie Olmstead, October 5, 2010

#### **Other Work Experience**

Workshop Facilitator:

- "Decolonizing Pedagogies"  
University of Windsor, GATAcademy  
September 4, 2019
- "Teaching One-to-One in Office Hours and Study Centers"  
University of Washington TA/RA Conference on Teaching, Learning, and



Research UW The Center for Teaching and Learning,  
September 17-19, 2012

- “Teaching Social Science & Humanities Quiz Sections: First Day and Beyond” and  
“Teaching One-to-One in Office Hours and Study Centers”  
University of Washington TA/RA Conference on Teaching, Learning, and  
Research UW The Center for Teaching and Learning,  
September 16-17, 2014

Intern, The American Indian/Alaskan Native Programs Intergovernmental Tribal Affairs  
Office, The Center for Medicare and Medicaid,  
Senior Policy Advisor: Dorothy Dupree (Summer 2004)

### **Selected Coursework (by Institution and Area)**

#### **University of Colorado:**

Metaphysics/Epistemology:

Metaphysics  
Causal and Statistical Reasoning  
Special Topics-Epistemology  
Seminar- Philosophy of Language  
Philosophy of Science

Professor:

Dr. George Bealer  
Dr. Luc Bovens  
Dr. Michael Huemer  
Dr. George Bealer  
Dr. Carol Cleland

Values:

Ethics  
Philosophy of Law- Punishment  
Contemporary Political Philosophy

Dr. David Boonin  
Dr. David Boonin  
Dr. Claudia Mills

History:

Philosophy of Aristotle

Dr. Thomas Robinson

#### **American University, Washington D.C.**

Formation of Federal Indian Policy  
Washington Institute Internship

Deborah Broken Rope, JD  
Michelle L. Suave, MPP

#### **United States Army War College**

Facilitating, Leadership, and Group Skills  
Getting Published

Military Family Program AY 2008  
Dr. Jim Hanlon, USAWC Writing

#### **University of Washington**

Metaphysics/Epistemology:

Philosophy of Science  
Philosophy of Biology  
Seminar- Philosophy of Social Science  
Seminar-Philosophy of Science  
Intermediate Logic  
Seminar- Fem. Philosophy of Science  
Topics in Feminism-Science

Dr. Andrea Woody  
Dr. Lynn Hankinson-Nelson  
Dr. Alison Wylie  
Dr. Andrea Woody  
Dr. David Keyt  
Dr. Lynn Hankinson-Nelson  
Dr. Lynn Hankinson-Nelson

Values:

Topics in Feminism- Family	Dr. Sara Goering
Development of Aesthetic Theory	Dr. Ron Moore
Seminar- Legal Philosophy	Dr. Ron Moore

History:

Introduction to Jewish Philosophy	Dr. Michael Rosenthal
Philosophy of Plato	Dr. Jean Roberts
Seminar- Plato's Republic	Dr. David Keyt
Seminar- Aristotle's Ethics & Politics	Dr. David Keyt

Professional Development:

Seminar-Teaching Philosophy <sup>1</sup>	Dr. Ann Baker
Professional Seminar in Philosophy	Dr. Sara Goering
Research Seminar- Hypatia 25 <sup>th</sup> Anniv.	Dr. Alison Wylie

**Service**

Professional:

Vice Chair, APA Committee on Native American and Indigenous Philosophers, 2019-2020

Aboriginal Education Council, Univ. of Windsor 2018-present

Renewal, Tenure, and Promotion Committee, Univ. of Windsor 2018-2019

Hiring Committee, Univ. of Windsor 2018-2019

Open Education Grant Committee, Univ. of Windsor 2018-2019

Coordinator, Reading Group and Author Campus Visit, Dr. Shay Welch (Spelman College), *Existential Eroticism: A Feminist Approach to Understanding Women's Oppression-Perpetuating Choices*, DePauw University; March 20-23, 2017

Judge, Regional High School Ethics Bowl, The Prindle Institute for Ethics, DePauw University, January 4, 2017

Co-Editor, American Philosophical Association Newsletter on Indigenous Philosophies, Fall 2016-Winter 2020

Power, Privilege, and Diversity Workshop, DePauw University, May 2016

Discussion Facilitator, NEW Leadership Program for Women, Green River College, February 19, 2016

Journal Referee, *Hypatia* 2015-2016

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<sup>1</sup> Attended multiple quarters.

UW Graduate and Undergraduate Student Mentor 2014-2015

UW Philosophy Department Climate Committee 2014-2015

UW Feminist Reading Group, Coordinator 2013-2014, 2014-2015

UW Indigenous Philosophy Reading Group 2013-2014

UW Department of Philosophy Curriculum Committee, 2013-2014

UW Philosophy of Science Reading Group, Coordinator Winter 2013

Philosophy of Biology Section Chair, Pacific APA-Seattle, April 4-7, 2012

UW Graduate Student Colloquia Committee 2009-2010, 2011-2012, 2014-2015

UW Graduate Student Conference Committee 2006-2007, 2009-2010, 2010-2011

UW Department New Hire Committee 2008-2009

Philosophy of Mind Section Chair, Pacific APA-Portland, March 24-26, 2005

University of Colorado Department Diversity Committee 2003-2004

Rocky Mountain Graduate/Undergraduate Philosophy Conference  
Organization Committee 2002-2003

Community:

Native American Culture Presentation, Tzouanakis Intermediate School, Greencastle  
Indiana, 25 August 2016

West Mercer Elementary Science Fair, Judge  
Mercer Island, WA March 2012 & 2013

The Milky Way Project, Citizen Scientist, April 2012- present

**Professional Memberships**

American Philosophical Association

The Society for Philosophy of Science in Practice

The Philosophy of Science Association

The Pacific Society for Women in Philosophy

Sullivan-Clarke, A.

The International Society for the History, Philosophy and Social Studies of Biology

Native Organization of Indigenous Scholars, Univ. of Washington

**References Available Upon Request**